

Anti-Syntaxin 3 antibody [EPR8543] ab133750

重组 RabMAb

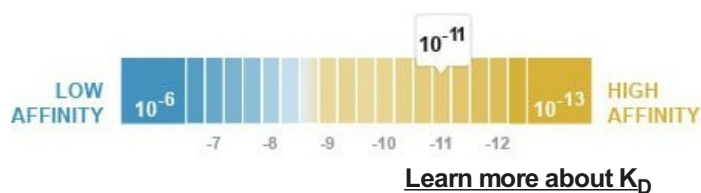
★★★★★ [2 Abreviews](#) [14 References](#) [10 图像](#)

概述

产品名称	Anti-Syntaxin 3抗体[EPR8543]
描述	兔单克隆抗体[EPR8543] to Syntaxin 3
宿主	Rabbit
经测试应用	适用于: WB, IHC-P, ICC/IF 不适用于: Flow Cyt or IP
种属反应性	与反应: Mouse, Rat, Human
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
阳性对照	WB: HepG2, Caco-2, , 293T, BxPC-3, Raw 264.7, PC-12, Rat lung, and NIH/3T3 lysates. IHC-P: human kidney, mouse kidney, and rat kidney tissues. ICC/IF: PC-12 and HepG2 cells.
常规说明	This product is a recombinant monoclonal antibody, which offers several advantages including: <ul style="list-style-type: none"> - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production For more information see here . Our RabMAb [®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents .

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
解离常数 (K _D)	K _D = 2.34 x 10 ⁻¹¹ M



存储溶液	pH: 7.20 Preservative: 0.01% Sodium azide
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纯度	Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA
克隆	Protein A purified
克隆编号	单克隆
同种型	EPR8543
	IgG

应用

The Abpromise guarantee

Abpromise™承诺保证使用ab133750于以下的经测试应用
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB	★★★★★ (1)	1/1000 - 1/10000. Detects a band of approximately 33 kDa (predicted molecular weight: 33 kDa).
IHC-P		1/50 - 1/100. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol. See IHC antigen retrieval protocols
ICC/IF	★★★★★ (1)	1/50 - 1/100.

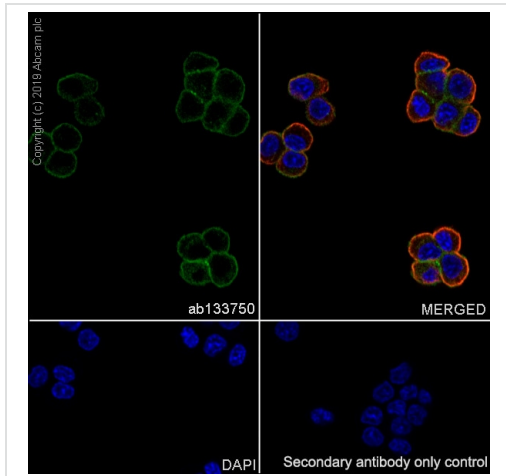
应用说明

Is unsuitable for Flow Cyt or IP.

靶标

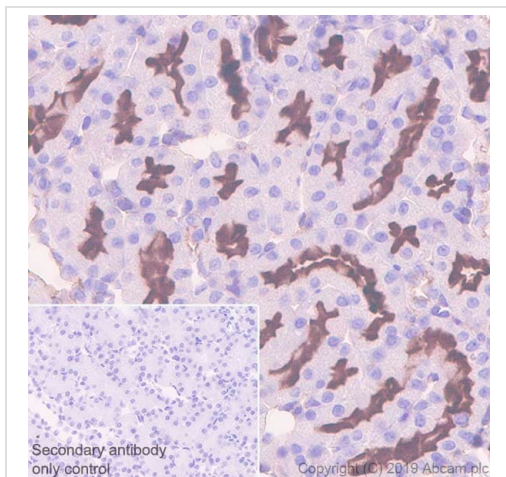
功能	Potentially involved in docking of synaptic vesicles at presynaptic active zones.
序列相似性	Belongs to the syntaxin family. Contains 1 t-SNARE coiled-coil homology domain.
细胞定位	Membrane.

图片



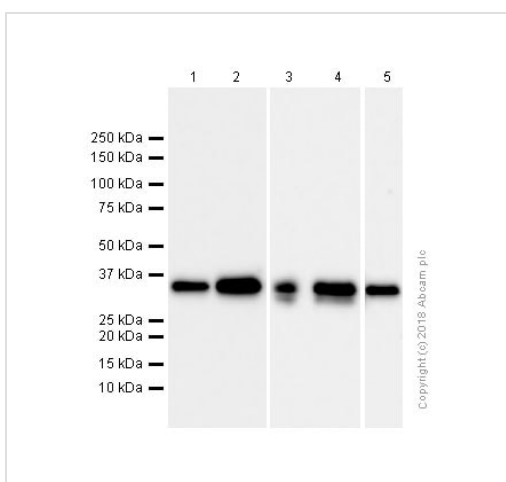
Immunocytochemistry/ Immunofluorescence - Anti-Syntaxin 3 antibody [EPR8543] (ab133750)

Immunocytochemistry/ Immunofluorescence analysis of PC-12 (Rat adrenal gland pheochromocytoma) cells labeling Syntaxin 3 with Purified ab133750 at 1:50 dilution (0.5 µg/ml). Cells were fixed in 4% Paraformaldehyde and permeabilized with 0.1% tritonX-100. Cells were counterstained with Ab195889 Anti-alpha Tubulin antibody [DM1A] - Microtubule Marker (Alexa Fluor® 594) 1:200 (2.5 µg/ml). Goat anti rabbit IgG (Alexa Fluor® 488, **ab150077**) was used as the secondary antibody at 1:1000 (2 µg/ml) dilution. DAPI (blue) was used as nuclear counterstain. PBS instead of the primary antibody was used as the secondary antibody only control.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Syntaxin 3 antibody [EPR8543] (ab133750)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of rat kidney tissue sections labeling Syntaxin 3 with Purified ab133750 at 1:250 dilution (0.104 µg/ml). Perform heat mediated antigen retrieval using **ab93684** (Tris/EDTA buffer, pH 9.0). Purified ImmunoHistoProbe one step HRP Polymer (ready to use) was used for detection. Negative control: PBS instead of the primary antibody. Hematoxylin was used as a counterstain.



Western blot - Anti-Syntaxin 3 antibody [EPR8543] (ab133750)

All lanes : Anti-Syntaxin 3 antibody [EPR8543] (ab133750) at 1/1000 dilution (Purified)

Lane 1 : HepG2 (Human hepatocellular carcinoma epithelial cell) whole cell lysates

Lane 2 : Caco-2 (Human colorectal adenocarcinoma epithelial cell) whole cell lysates

Lane 3 : PC-12 (Rat adrenal gland pheochromocytoma) whole cell lysates

Lane 4 : Rat lung lysates

Lane 5 : NIH/3T3 (Mouse embryonic fibroblast) whole cell lysates

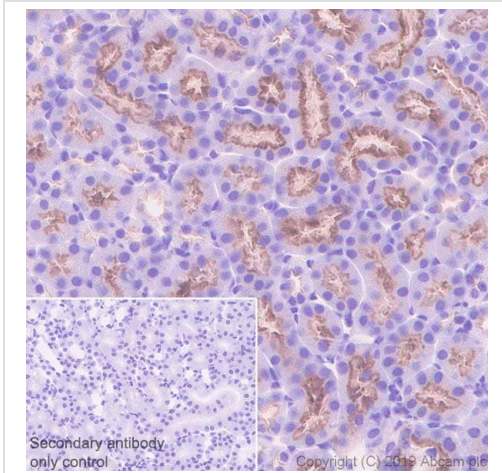
Lysates/proteins at 20 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) (**ab97051**) at 1/20000 dilution

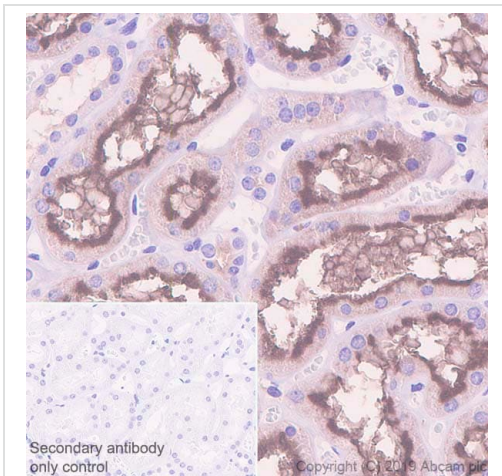
Predicted band size: 33 kDa

Observed band size: 33 kDa



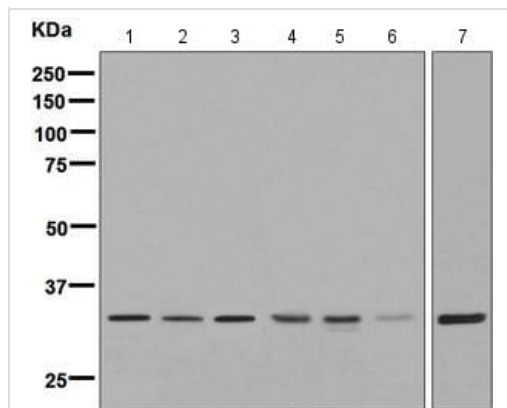
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Syntaxin 3 antibody [EPR8543] (ab133750)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of mouse kidney tissue sections labeling Syntaxin 3 with Purified ab133750 at 1:250 dilution (0.104 µg/ml). Perform heat mediated antigen retrieval using **ab93684** (Tris/EDTA buffer, pH 9.0). Purified)ImmunoHistoProbe one step HRP Polymer (ready to use) was used for detection. Negative control: PBS instead of the primary antibody. Hematoxylin was used as a counterstain.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Syntaxin 3 antibody [EPR8543] (ab133750)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human kidney tissue sections labeling Syntaxin 3 with Purified ab133750 at 1:250 dilution (0.104 µg/ml). Perform heat mediated antigen retrieval using **ab93684** (Tris/EDTA buffer, pH 9.0). Purified)ImmunoHistoProbe one step HRP Polymer (ready to use) was used for detection. Negative control: PBS instead of the primary antibody. Hematoxylin was used as a counterstain.



Western blot - Anti-Syntaxin 3 antibody [EPR8543]
(ab133750)

All lanes : Anti-Syntaxin 3 antibody [EPR8543] (ab133750) at 1/1000 dilution

Lane 1 : HepG2 cell lysate

Lane 2 : 293T cell lysate

Lane 3 : BxPC-3 cell lysate

Lane 4 : Raw 264.7 cell lysate

Lane 5 : PC12 cell lysate

Lane 6 : NIH3T3 cell lysate

Lane 7 : Caco-2 cell lysate

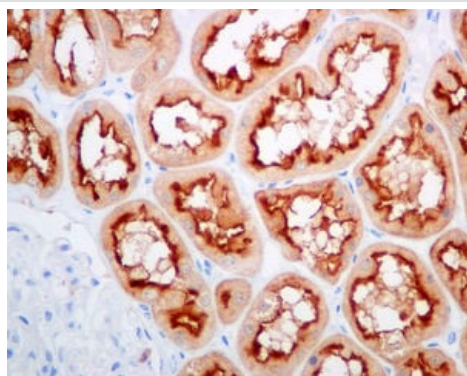
Lysates/proteins at 10 µg per lane.

Secondary

All lanes : Goat anti-Rabbit HRP at 1/2000 dilution

Predicted band size: 33 kDa

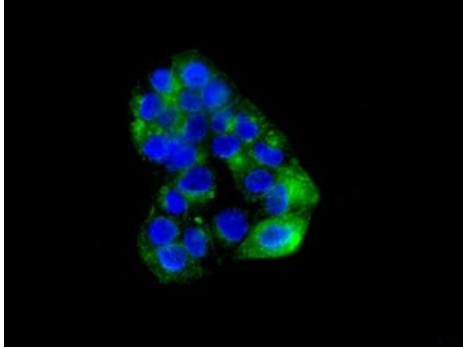
Observed band size: 33 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Syntaxin 3 antibody [EPR8543] (ab133750)

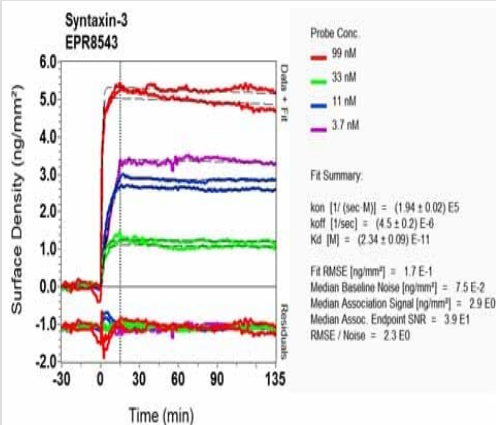
Immunohistochemical analysis of paraffin-embedded Human kidney tissue labelling Syntaxin 3 with ab133750 at 1/50.

Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.



Immunocytochemistry/ Immunofluorescence - Anti-Syntaxin 3 antibody [EPR8543] (ab133750)

Immunocytochemical analysis of HepG2 cells labelling Syntaxin 3 with ab133750 at 1/50.



OL-RD Scanning - Anti-Syntaxin 3 antibody [EPR8543] (ab133750)

Equilibrium disassociation constant (K_D)

Learn more about K_D

[Click here to learn more about \$K_D\$](#)

Why choose a recombinant antibody?



Research with confidence
Consistent and reproducible results



Long-term and scalable supply
Recombinant technology



Success from the first experiment
Confirmed specificity



Ethical standards compliant
Animal-free production

Anti-Syntaxin 3 antibody [EPR8543] (ab133750)

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