


Anti-GRB7 antibody [EPR4378] ab109618

重组 RabMAb

1 References [4 图像](#)

概述

产品名称	Anti-GRB7抗体[EPR4378]
描述	兔单克隆抗体[EPR4378] to GRB7
宿主	Rabbit
经测试应用	适用于: WB, IHC-P 不适用于: Flow Cyt or IP
种属反应性	与反应: Human 预测可用于: Mouse, Rat 
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
阳性对照	WB: SKBR-3, T-47D, MCF7, HEPG2 and HeLa cell lysates. IHC-P: Human breast tissue
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.
存储溶液	pH: 7.20 Preservative: 0.05% Sodium azide Constituents: 0.1% BSA, 40% Glycerol (glycerin, glycerine), 9.85% Tris glycine, 50% Tissue culture supernatant
纯度	Protein A purified
克隆	单克隆
克隆编号	EPR4378

同种型IgG

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab109618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		1/200 - 1/1000. Predicted molecular weight: 60 kDa.
IHC-P		1/50 - 1/100. Perform heat mediated antigen retrieval before commencing with IHC staining protocol. Heat to 98°C, allow to cool for 10-20 minutes.

应用说明 Is unsuitable for Flow Cyt or IP.

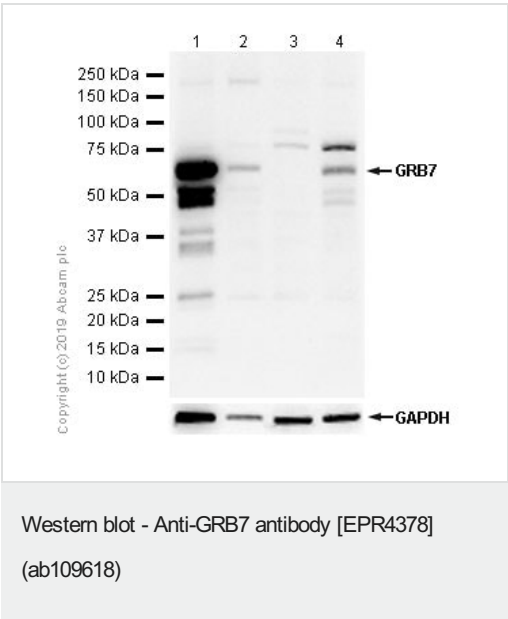
靶标

功能 Interacts with the cytoplasmic domain of the epidermal growth factor receptor which is then inhibited. The interaction is mediated by the SH2 domain. Also binds to ERBB2.

序列相似性 Belongs to the GRB7/10/14 family.
Contains 1 PH domain.
Contains 1 Ras-associating domain.
Contains 1 SH2 domain.

翻译后修饰 Phosphorylated on tyrosine residues.

图片



All lanes : Anti-GRB7 antibody [EPR4378] (ab109618) at 1/200 dilution (Purified)

Lane 1 : SK-BR-3 (Human breast adenocarcinoma epithelial cell) whole cell lysates

Lane 2 : T-47D (Human ductal breast epithelial tumor epithelial cell) whole cell lysates

Lane 3 : MCF7 (Human breast adenocarcinoma epithelial cell) whole cell lysates

Lane 4 : HepG2 (Human hepatocellular carcinoma epithelial cell) whole cell lysates

Lysates/proteins at 20 µg per lane.

Secondary

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

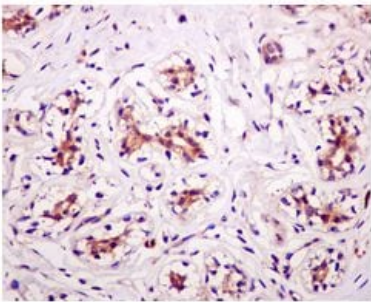
dilution

Predicted band size: 60 kDa

Observed band size: 60 kDa

Blocking/Diluting Buffer and concentration: 5% NFDM/TBST

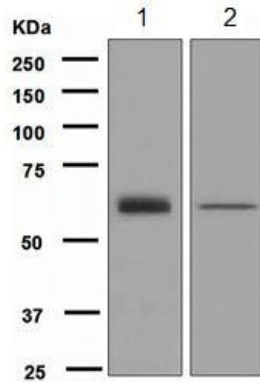
The expression level of GRB7 in SK-BR-3, T-47D and MCF7 cells is consistent with what has been described in PMID: 7907978 and 17916906.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-GRB7 antibody [EPR4378] (ab109618)

ab109618 at 1/50 dilution staining GRB7 in paraffin-embedded Human breast tissue by Immunohistochemistry.

Perform heat mediated antigen retrieval before commencing with IHC staining protocol.



Western blot - Anti-GRB7 antibody [EPR4378] (ab109618)

All lanes : Anti-GRB7 antibody [EPR4378] (ab109618) at 1/1000 dilution

Lane 1 : SKBR-3 cell lysate

Lane 2 : HeLa cell lysate

Lysates/proteins at 10 µg per lane.

Secondary

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

Predicted band size: 60 kDa

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-GRB7 antibody [EPR4378] (ab109618)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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