

Anti-AP2 gamma/TFAP2C antibody [EP2692Y] ab76007

重组 RabMAb

★★★★★ [1 Abreviews](#) [3 References](#) [7 图像](#)

概述

产品名称	Anti-AP2 gamma/TFAP2C抗体[EP2692Y]
描述	兔单克隆抗体[EP2692Y] to AP2 gamma/TFAP2C
宿主	Rabbit
经测试应用	适用于: Flow Cyt (Intra), WB, IHC-P, ICC/IF 不适用于: IP
种属反应性	与反应: Human
免疫原	Synthetic peptide within Human AP2 gamma/TFAP2C aa 100-200. The exact sequence is proprietary.
阳性对照	WB: MCF7 and SKBR3 cell lysates. IHC-P: Human cervical carcinoma, endometrial carcinoma and prostatic carcinoma tissues. ICC/IF: MCF7 cells Flow Cyt (intra): MCF7 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 . Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with these species. Please contact us for more information.

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at -20°C. Stable for 12 months 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 EP2692Y
同种型 IgG

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab76007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
Flow Cyt (Intra)		1/100. ab172730 - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody.
WB	★★★★★ (1)	1/25000 - 1/50000. Predicted molecular weight: 49 kDa.
IHC-P		1/250 - 1/500. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
ICC/IF		1/500.

应用说明 Is unsuitable for IP.

靶标

功能 Sequence-specific DNA-binding protein that interacts with inducible viral and cellular enhancer elements to regulate transcription of selected genes. AP-2 factors bind to the consensus sequence 5'-GCCNNGGC-3' and activate genes involved in a large spectrum of important biological functions including proper eye, face, body wall, limb and neural tube development. They also suppress a number of genes including MCAM/MUC18, C/EBP alpha and MYC.

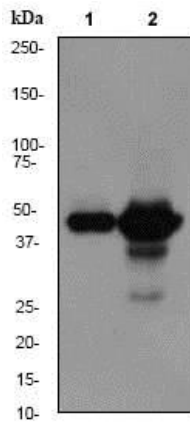
序列相似性 Belongs to the AP-2 family.

结构域 The WW-binding motif mediates interaction with WWOX.

翻译后修饰 Sumoylated on Lys-10; which inhibits transcriptional activity.

细胞定位 Nucleus.

图片



Western blot - Anti-AP2 gamma/TFAP2C antibody [EP2692Y] (ab76007)

All lanes : Anti-AP2 gamma/TFAP2C antibody [EP2692Y] (ab76007) at 1/50000 dilution

Lane 1 : MCF7 cell lysate

Lane 2 : SKBR3 cell lysate

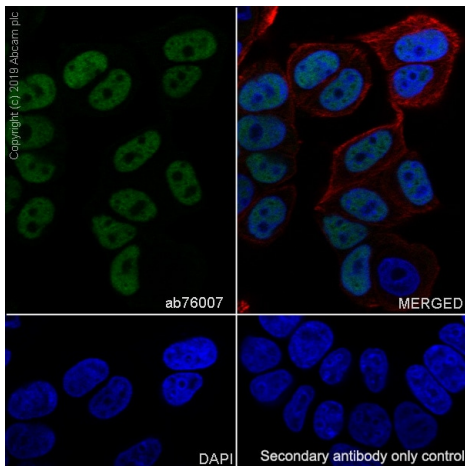
Lysates/proteins at 10 µg per lane.

Secondary

All lanes : Goat anti-rabbit HRP at 1/1000 dilution

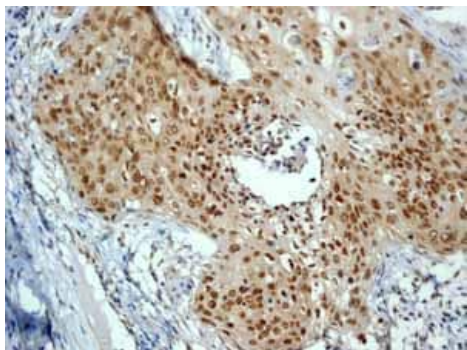
Predicted band size: 49 kDa

Observed band size: 49 kDa



Immunocytochemistry/ Immunofluorescence - Anti-AP2 gamma/TFAP2C antibody [EP2692Y] (ab76007)

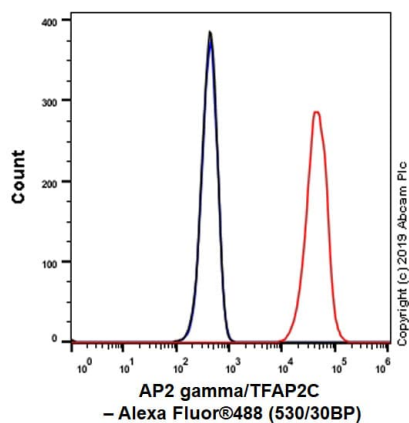
Immunocytochemistry/ Immunofluorescence analysis of MCF7 (human breast adenocarcinoma epithelial cell) cells labeling AP2 gamma/TFAP2C with purified ab76007 at 1/500 dilution (2 µg/mL). Cells were fixed in 4% Paraformaldehyde and permeabilized with 0.1% tritonX-100. Cells were counterstained with **ab195889** 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. **ab195889** Anti-alpha Tubulin antibody [DM1A] - Microtubule Marker (Alexa Fluor® 594) 1/200 (2.5 µg/mL) was used as the secondary antibody only control.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-AP2 gamma/TFAP2C antibody [EP2692Y] (ab76007)

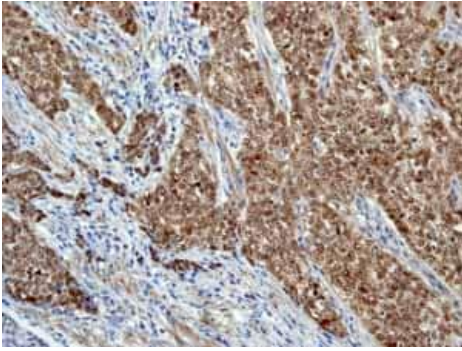
ab76007 showing positive staining in Cervical carcinoma tissue.

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



Flow Cytometry (Intracellular) - Anti-AP2 gamma/TFAP2C antibody [EP2692Y] (ab76007)

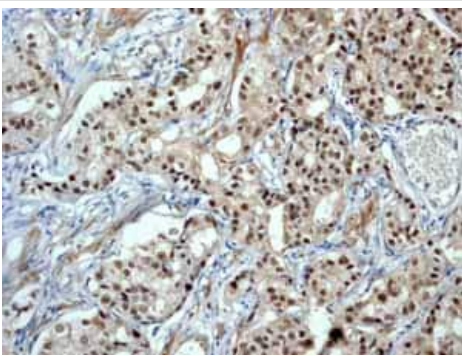
Intracellular Flow Cytometry analysis of MCF7 (Human breast adenocarcinoma epithelial cell) cells labeling AP2 gamma/TFAP2C with purified ab76007 at 1/100 dilution (10 μ g/mL) (Red). Cells were fixed with 4% Paraformaldehyde and permeabilised with 90% Methanol. A Goat anti rabbit IgG (Alexa Fluor[®] 488, **ab150077**) secondary antibody was used at 1/2000. Isotype control - Rabbit monoclonal IgG (Black). Unlabeled control - Cells without incubation with primary antibody and secondary antibody (Blue).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-AP2 gamma/TFAP2C antibody [EP2692Y] (ab76007)

ab76007 showing positive staining in Endometrial carcinoma tissue.

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



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-AP2 gamma/TFAP2C antibody [EP2692Y] (ab76007)

ab76007 showing positive staining in Prostatic carcinoma tissue.

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

Why choose a recombinant antibody?

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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-AP2 gamma/TFAP2C antibody [EP2692Y] (ab76007)

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

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