

Anti-WDR77 antibody [EPR10709(2)] - C-terminal ab190361

重组 RabMAb

8 图像

概述

产品名称	Anti-WDR77抗体[EPR10709(2)] - C-terminal
描述	兔单克隆抗体[EPR10709(2)] to WDR77 - C-terminal
宿主	Rabbit
经测试应用	适用于: Flow Cyt (Intra), IP, ICC/IF, WB, IHC-P
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	LnCaP, 293T, HeLa, Saos-2, C6, Raw 264.7, PC-12 and NIH-3T3 cell lysates, Human adenocarcinoma of colon tissue. A673 and 293T cells,
常规说明	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <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 <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p>

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
存储溶液	<p>pH: 7.2</p> <p>Preservative: 0.01% Sodium azide</p> <p>Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA</p>
纯度	Protein A purified
克隆	单克隆
克隆编号	EPR10709(2)
同种型	IgG

应用

The Abpromise guarantee

Abpromise™ 承诺保证使用 ab190361 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)		1/70. ab172730 - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody.
IP		1/40.
ICC/IF		1/50.
WB		1/1000 - 1/10000. Detects a band of approximately 42 kDa (predicted molecular weight: 37 kDa).
IHC-P		1/50 - 1/100. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.

靶标

功能

Non-catalytic component of the 20S PRMT5-containing methyltransferase complex, which modifies specific arginines to dimethylarginines in several spliceosomal Sm proteins. This modification targets Sm proteins to the survival of motor neurons (SMN) complex for assembly into small nuclear ribonucleoprotein core particles. Might play a role in transcription regulation. The 20S PRMT5-containing methyltransferase complex also methylates the Piwi proteins (PIWIL1, PIWIL2 and PIWIL4), methylation of Piwi proteins being required for the interaction with Tudor domain-containing proteins and subsequent localization to the meiotic nuage.

组织特异性

Highly expressed in heart, skeletal muscle, spleen, testis, uterus, prostate and thymus. In testis, expressed in germ cells and Leydig cells, but not in peritubular myocytes, nor in Sertoli cells. Expressed in prostate cancers, in seminomas and in Leydig cell tumors.

序列相似性

Contains 5 WD repeats.

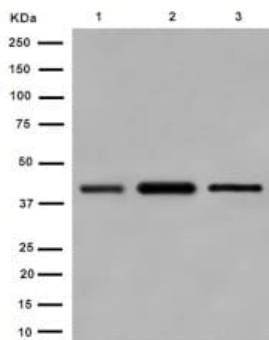
发展阶段

Expressed in Leydig cells during fetal testicular development, especially during the second semester. Germ cells expression is detected as early as 10 weeks of gestation.

细胞定位

Nucleus. Cytoplasm. Nuclear in Leydig cells and cytoplasmic in germ cells during fetal testicular development. In adult testis, predominantly nuclear. Subcellular location varies from nuclear to cytoplasmic in various tumors.

图片



Western blot - Anti-WDR77 antibody [EPR10709(2)]
- C-terminal (ab190361)

All lanes : Anti-WDR77 antibody [EPR10709(2)] - C-terminal (ab190361) at 1/10000 dilution

Lane 1 : LnCaP cell lysate

Lane 2 : 293T cell lysate

Lane 3 : HeLa cell lysate

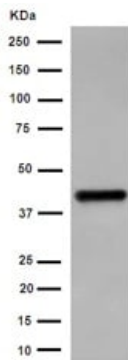
Lysates/proteins at 20 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/1000 dilution

Predicted band size: 37 kDa

Observed band size: 42 kDa



Western blot - Anti-WDR77 antibody [EPR10709(2)]
- C-terminal (ab190361)

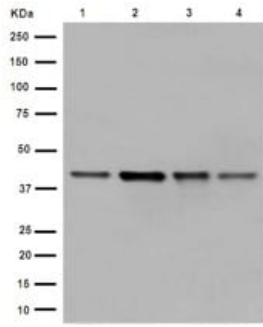
Anti-WDR77 antibody [EPR10709(2)] - C-terminal (ab190361) at 1/1000 dilution + Saos-2 cell lysate at 20 µg

Secondary

Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/1000 dilution

Predicted band size: 37 kDa

Observed band size: 42 kDa



Western blot - Anti-WDR77 antibody [EPR10709(2)]
- C-terminal (ab190361)

All lanes : Anti-WDR77 antibody [EPR10709(2)] - C-terminal
(ab190361) at 1/1000 dilution

Lane 1 : C6 cell lysate

Lane 2 : RAW 264.7 cell lysate

Lane 3 : PC-12 cell lysate

Lane 4 : NIH/3T3 cell lysate

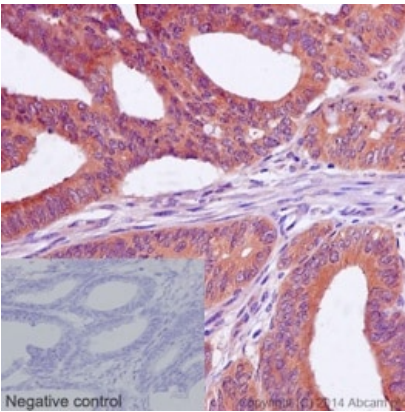
Lysates/proteins at 10 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at
1/1000 dilution

Predicted band size: 37 kDa

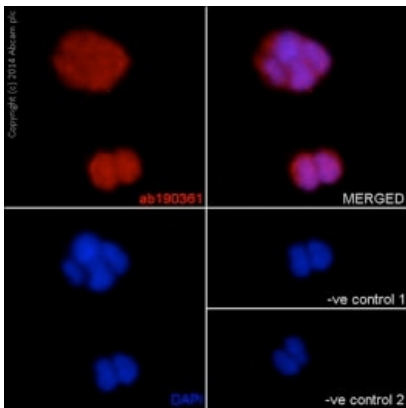
Observed band size: 42 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-
embedded sections) - Anti-WDR77 antibody
[EPR10709(2)] - C-terminal (ab190361)

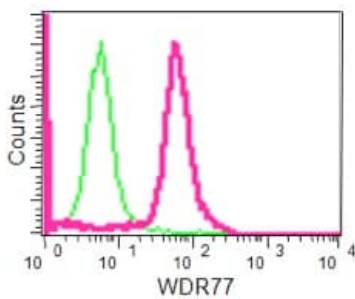
Immunohistochemical analysis of formalin-fixed, paraffin-embedded
Human adenocarcinoma of the colon labeling WDR77 with
ab190361 at 1/50 and HRP polymer for Rabbit IgG. Counterstained
with Hematoxylin. Negative control also shown.

Perform heat mediated antigen retrieval with Tris/EDTA buffer pH
9.0 before commencing with IHC staining protocol.



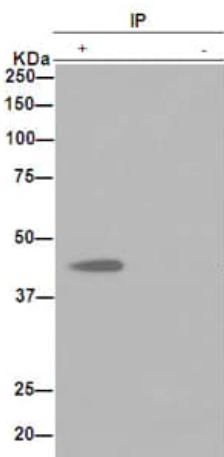
Immunocytochemistry/ Immunofluorescence - Anti-WDR77 antibody [EPR10709(2)] - C-terminal (ab190361)

Immunofluorescence analysis of A673 cells fixed in 4% paraformaldehyde labeling WDR77 with ab190361 at 1/50 dilution and Goat anti rabbit IgG (Alexa Fluor® 555) 1/200. Counterstained with DAPI. Negative controls also shown.



Flow Cytometry (Intracellular) - Anti-WDR77 antibody [EPR10709(2)] - C-terminal (ab190361)

Intracellular flow cytometric analysis of 2% paraformaldehyde fixed HeLa cells labeling WDR77 at 1/70 dilution and Goat anti rabbit IgG (FITC) at 1/150. Rabbit monoclonal IgG used as isotype control.



Immunoprecipitation - Anti-WDR77 antibody [EPR10709(2)] - C-terminal (ab190361)

Immunoprecipitation of HeLa cells labeling WDR77 with ab190361 at 1/50 and Anti-Rabbit IgG (HRP), specific to the non-reduced form of IgG at 1/5000 (+) or PBS (-)

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

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(ab190361)

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