

Anti-Wnt11 antibody ab96730

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概述

产品名称	Anti-Wnt11抗体
描述	兔多克隆抗体to Wnt11
宿主	Rabbit
经测试应用	适用于: WB, ICC/IF, IHC-P
种属反应性	与反应: Mouse, Human
免疫原	Recombinant fragment, corresponding to a region within amino acids 1-280 of Human Wnt11 (NP_004617).
阳性对照	WB: HEK-293T, A431, COLO 205 cell lysate, mouse heart white adipose tissue extract. IHC-P: Lung SCC xenograft and mouse colon tissue. IF: HeLa cells.
常规说明	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
存储溶液	<p>pH: 7.00</p> <p>Preservative: 0.025% Proclin 300</p> <p>Constituents: 79% PBS, 20% Glycerol (glycerin, glycerine)</p>
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee

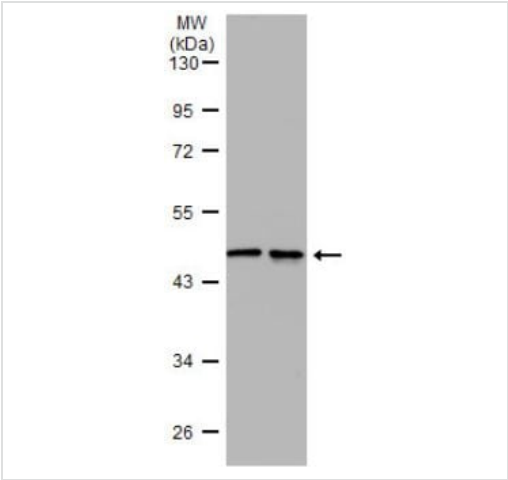
Abpromise™承诺保证使用ab96730于以下的经测试应用

“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		1/500 - 1/3000. Predicted molecular weight: 39 kDa.
ICC/IF		1/100 - 1/1000.
IHC-P		1/100 - 1/1000.

靶标	
功能	Ligand for members of the frizzled family of seven transmembrane receptors. Probable developmental protein. May be a signaling molecule which affects the development of discrete regions of tissues. Is likely to signal over only few cell diameters.
组织特异性	Expressed in fetal lung, kidney, adult heart, liver, skeletal muscle, and pancreas.
序列相似性	Belongs to the Wnt family.
翻译后修饰	Palmitoylation at Ser-215 is required for efficient binding to frizzled receptors. Palmitoylation is necessary for proper trafficking to cell surface.
细胞定位	Secreted, extracellular space, extracellular matrix.

图片



All lanes : Anti-Wnt11 antibody (ab96730) at 1/1000 dilution

Lane 1 : HEK-293T (human epithelial cell line from embryonic kidney transformed with large T antigen) whole cell lysate

Lane 2 : A431 (human epidermoid carcinoma cell line) whole cell lysate

Lysates/proteins at 30 µg per lane.

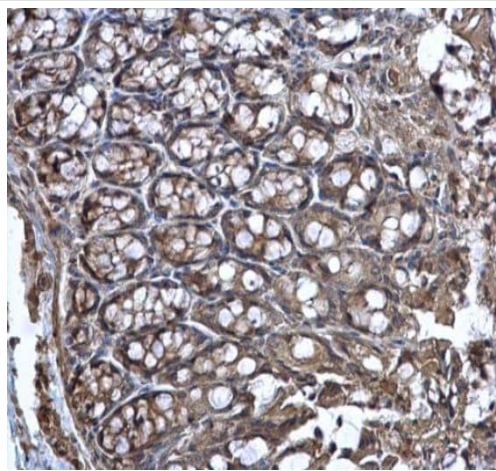
Secondary

All lanes : HRP-conjugated anti-rabbit IgG antibody

Predicted band size: 39 kDa

Western blot - Anti-Wnt11 antibody (ab96730)

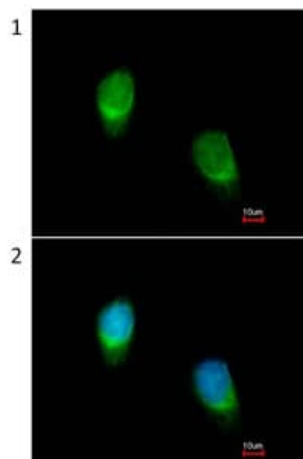
10% SDS-PAGE



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Wnt11 antibody (ab96730)

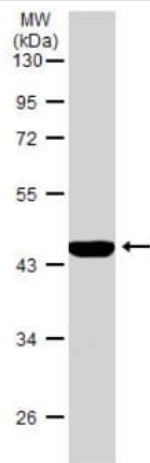
Paraffin-embedded mouse colon tissue stained Wnt11 using ab96730 at 1/500 dilution.

Antigen Retrieval: EDTA based buffer, pH 8.0, 15min



Immunocytochemistry/ Immunofluorescence - Anti-Wnt11 antibody (ab96730)

Immunofluorescence analysis of paraformaldehyde-fixed HeLa (human epithelial cell line from cervix adenocarcinoma) cells labelling Wnt11 (green) using ab96730 at 1/200 dilution. Lower image merged with DNA probe.



Western blot - Anti-Wnt11 antibody (ab96730)

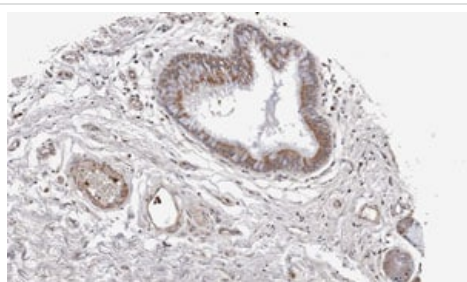
Anti-Wnt11 antibody (ab96730) at 1/1000 dilution + Mouse heart tissue extract at 30 µg

Secondary

HRP-conjugated anti-rabbit IgG antibody

Predicted band size: 39 kDa

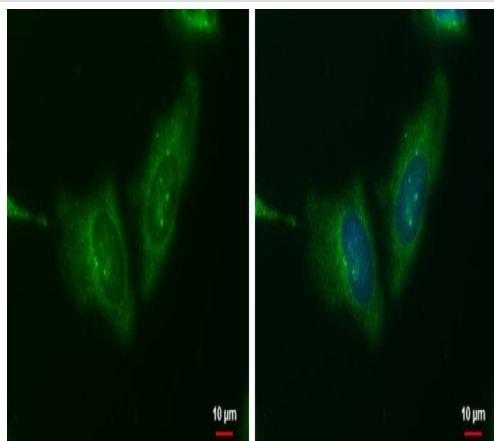
10% SDS-PAGE



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Wnt11 antibody (ab96730)

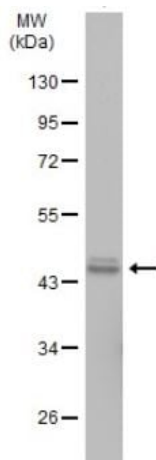
Paraffin-embedded lung SCC xenograft stained Wnt11 using ab96730 at 1/100 dilution.

Antigen Retrieval: EDTA based buffer, pH 8.0, 15min.



Immunocytochemistry/ Immunofluorescence - Anti-Wnt11 antibody (ab96730)

Immunofluorescence analysis of ice-cold MeOH-fixed (5 min) HeLa (human epithelial cell line from cervix adenocarcinoma) cells labelling Wnt11 (green) at cytoplasm using ab96730 at 1/500 dilution. Blue: Hoechst 33342 staining. Scale bar = 10 µm.



Western blot - Anti-Wnt11 antibody (ab96730)

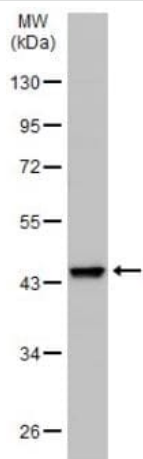
Anti-Wnt11 antibody (ab96730) at 1/1000 dilution + Mouse white adipose tissue extract at 50 µg

Secondary

HRP-conjugated anti-rabbit IgG antibody

Predicted band size: 39 kDa

10% SDS-PAGE



Western blot - Anti-Wnt11 antibody (ab96730)

Anti-Wnt11 antibody (ab96730) at 1/1000 dilution + COLO 205 (human colon adenocarcinoma cell line) whole cell lysate at 30 µg

Secondary

HRP-conjugated anti-rabbit IgG antibody

Predicted band size: 39 kDa

10% SDS-PAGE

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