

Anti-SIRP alpha antibody ab232765

6 图像

概述

产品名称	Anti-SIRP alpha抗体
描述	兔多克隆抗体to SIRP alpha
宿主	Rabbit
经测试应用	适用于: WB, IHC-P
种属反应性	与反应: Human, Pig
免疫原	Recombinant fragment (His-T7-tag) corresponding to Human SIRP alpha aa 100-350. Expressed in E.coli. N-terminal tags. Database link: P78324-1
	<div>  Run BLAST with  Run BLAST with </div>
阳性对照	WB: Recombinant human SIRP alpha protein; HEK-293T cell lysate; Pig brain lysate. IHC-P: Human cerebrum, liver, breast cancer and stomach tissue.
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. 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	pH: 7.40 Preservative: 0.011% Proclin 300 Constituents: 55.77% Glycerol (glycerin, glycerine), 44.219% PBS
纯度	Protein A purified
纯化说明	Antigen-specific affinity chromatography followed by Protein A affinity chromatography.
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee

Abpromise™承诺保证使用ab232765于以下的经测试应用

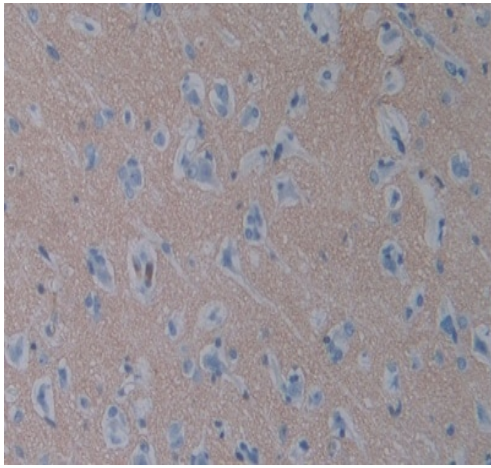
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		Use a concentration of 0.5 - 2 µg/ml. Predicted molecular weight: 55 kDa.
IHC-P		Use a concentration of 5 - 20 µg/ml.

靶标

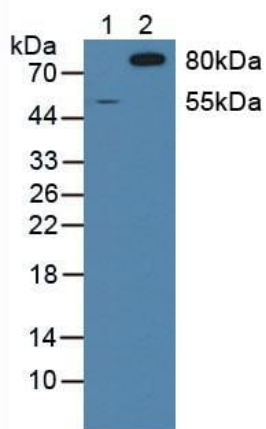
功能	Immunoglobulin-like cell surface receptor for CD47. Acts as docking protein and induces translocation of PTPN6, PTPN11 and other binding partners from the cytosol to the plasma membrane. Supports adhesion of cerebellar neurons, neurite outgrowth and glial cell attachment. May play a key role in intracellular signaling during synaptogenesis and in synaptic function (By similarity). Involved in the negative regulation of receptor tyrosine kinase-coupled cellular responses induced by cell adhesion, growth factors or insulin. Mediates negative regulation of phagocytosis, mast cell activation and dendritic cell activation. CD47 binding prevents maturation of immature dendritic cells and inhibits cytokine production by mature dendritic cells.
组织特异性	Ubiquitous. Highly expressed in brain. Detected on myeloid cells, but not T-cells. Detected at lower levels in heart, placenta, lung, testis, ovary, colon, liver, small intestine, prostate, spleen, kidney, skeletal muscle and pancreas.
序列相似性	Contains 2 Ig-like C1-type (immunoglobulin-like) domains. Contains 1 Ig-like V-type (immunoglobulin-like) domain.
翻译后修饰	N-glycosylated. Phosphorylated on tyrosine residues in response to stimulation with EGF, growth hormone, insulin and PDGF. Dephosphorylated by PTPN11.
细胞定位	Membrane.

图片



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-SIRP alpha antibody (ab232765)

Formalin-fixed, paraffin-embedded human cerebrum tissue stained for SIRP alpha using ab232765 at 20 µg/ml in immunohistochemical analysis. DAB staining.



Western blot - Anti-SIRP alpha antibody (ab232765)

All lanes : Anti-SIRP alpha antibody (ab232765) at 2 µg/ml

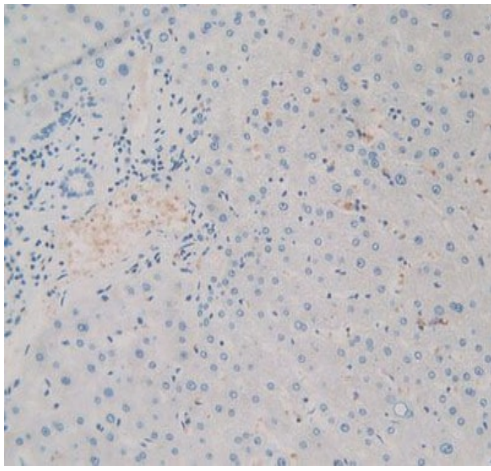
Lane 1 : HEK-293T (human epithelial cell line from embryonic kidney transformed with large T antigen) cell lysate

Lane 2 : Pig brain lysate

Secondary

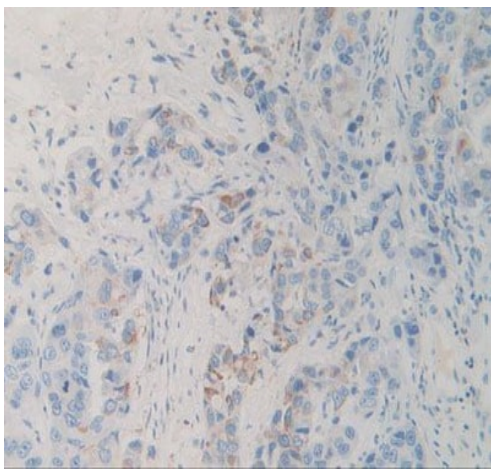
All lanes : HRP-Linked Guinea pig anti-Rabbit at 1/2000 dilution

Predicted band size: 55 kDa



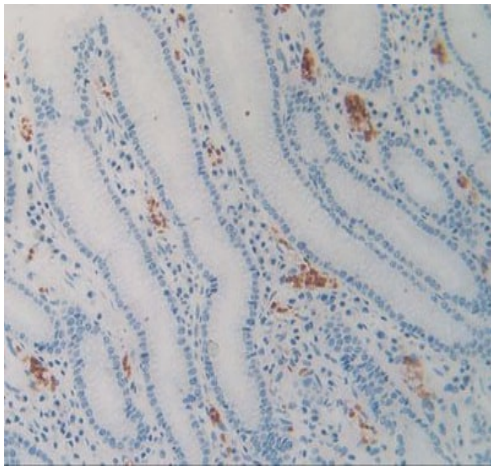
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-SIRP alpha antibody (ab232765)

Formalin-fixed, paraffin-embedded human liver tissue stained for SIRP alpha using ab232765 at 20 µg/ml in immunohistochemical analysis. DAB staining.



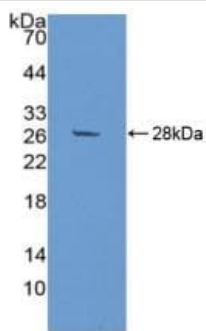
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-SIRP alpha antibody (ab232765)

Formalin-fixed, paraffin-embedded human breast cancer tissue stained for SIRP alpha using ab232765 at 20 µg/ml in immunohistochemical analysis. DAB staining.



Formalin-fixed, paraffin-embedded human stomach tissue stained for SIRP alpha using ab232765 at 20 µg/ml in immunohistochemical analysis. DAB staining.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-SIRP alpha antibody (ab232765)



Anti-SIRP alpha antibody (ab232765) at 2 µg + Recombinant human SIRP alpha protein

Predicted band size: 55 kDa

Western blot - Anti-SIRP alpha antibody (ab232765)

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

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish

- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.cn/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors