

PACO23699

Product Information

Size:

100ul

Reactivity:

Human, Mouse, Rat

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, WB, IHC

Recommended dilutions:

ELISA:1:2000-1:10000, WB:1:500-1:3000,
IHC:1:50-1:100

Protein Background:

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.

Gene ID:

SIRPA

Uniprot

P78324

Synonyms:

Bit; MFR; MYD-1 antigen; MYD1; Macrophage fusion receptor

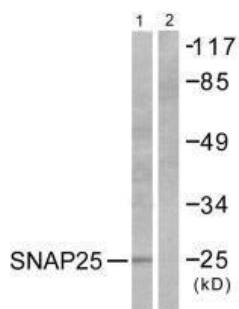
Immunogen:

Synthesized peptide derived from human SIRP-alpha1.

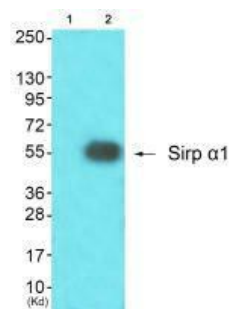
Storage:

Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

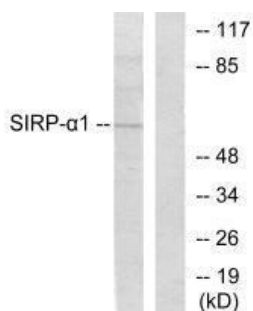
Product Images



Immunohistochemical analysis of paraffin-embedded human brain tissue using Sirp alpha 1 antibody.



Western blot analysis of extracts from colo cells (Lane 2), using Sirp alpha 1 antibody. The lane on the left is treated with synthesized peptide.



Western blot analysis of extracts from HepG2 cells, using Sirp alpha 1 antibody.