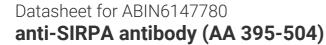
antibodies - online.com











Overview

Quantity:	100 μL
Target:	SIRPA
Binding Specificity:	AA 395-504
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SIRPA antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)
Product Details	
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 395-504 of human CD172a/SIRPalpha (NP_542970.1).
Sequence:	RIRQKKAQGS TSSTRLHEPE KNAREITQDT NDITYADLNL PKGKKPAPQA AEPNNHTEYA SIQTSPQPAS EDTLTYADLD MVHLNRTPKQ PAPKPEPSFS EYASVQVPRK
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Target Details	
Target:	SIRPA

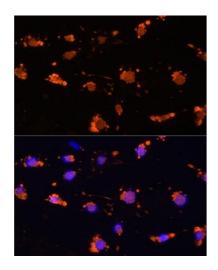
Target Details

Alternative Name:	SIRPA (SIRPA Products)
Background:	The protein encoded by this gene is a member of the signal-regulatory-protein (SIRP) family,
	and also belongs to the immunoglobulin superfamily. SIRP family members are receptor-type
	transmembrane glycoproteins known to be involved in the negative regulation of receptor
	tyrosine kinase-coupled signaling processes. This protein can be phosphorylated by tyrosine
	kinases. The phospho-tyrosine residues of this PTP have been shown to recruit SH2 domain
	containing tyrosine phosphatases (PTP), and serve as substrates of PTPs. This protein was
	found to participate in signal transduction mediated by various growth factor receptors. CD47
	has been demonstrated to be a ligand for this receptor protein. This gene and its product share
	very high similarity with several other members of the SIRP family. These related genes are
	located in close proximity to each other on chromosome 20p13. Multiple alternatively spliced
	transcript variants have been determined for this gene.,SIRPA,BIT,CD172A,MFR,MYD-
	1,P84,PTPNS1,SHPS1,SIRP,Signal Transduction,Cell Biology & Developmental Biology,Cell
	Adhesion,Immunology & Inflammation,CD markers,Neuroscience,Cell Type
	Marker,Cardiovascular,Neuron marker,Synapse marker,SIRPA
Molecular Weight:	54 kDa/55 kDa
Gene ID:	140885
UniProt:	P78324
Application Details	
Application Notes:	WB,1:500 - 1:2000,IF,1:50 - 1:200
Comment:	HIGH QUALITY
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which
	should be handled by trained staff only.
Storage:	-20 °C

Storage Comment:

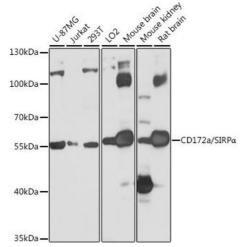
Store at -20°C. Avoid freeze / thaw cycles.

Images



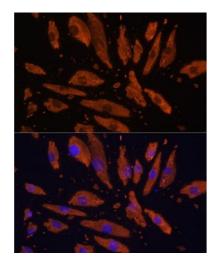
Immunofluorescence

Image 1. Immunofluorescence analysis of L929 cells using CD172a/SIRP α Rabbit pAb (ABIN6130058, ABIN6147780, ABIN6147781 and ABIN6224854) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using CD172a/SIRP α antibody (ABIN6130058, ABIN6147780, ABIN6147781 and ABIN6224854) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 1s.



Immunofluorescence

Image 3. Immunofluorescence analysis of H9C2 cells using CD172a/SIRP α Rabbit pAb (ABIN6130058, ABIN6147780, ABIN6147781 and ABIN6224854) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.

Please check the product details page for more images. Overall 4 images are available for ABIN6147780.