

For Research Use Only

# SORCS3 Polyclonal antibody

Catalog Number: 32248-1-AP



## Basic Information

Catalog Number:

32248-1-AP

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG37710

GenBank Accession Number:

NM\_014978.2

GeneID (NCBI):

22986

UNIPROT ID:

Q9UPU3

Full Name:

sortilin-related VPS10 domain  
containing receptor 3

Calculated MW:

136kDa, 1222aa

Observed MW:

160 kDa

Purification Method:

Antigen affinity Purification

Recommended Dilutions:

WB: 1:1000-1:8000

## Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : SK-N-SH cells, IMR-32 cells, SH-SY5Y cells, mouse  
brain tissue, rat brain tissue

## Background Information

Sortilin related VPS10 domain-containing receptor 3 (SorCS3) belongs to the vacuolar protein sorting 10 protein (VPS10p) receptor family. SorCS3 is a specific receptor for nerve growth factor (NGF) that regulates NGF signal transduction across membranes, and SorCS3 is mainly expressed in the hippocampus and cortex of the brain (PMID: 35393432).

## Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

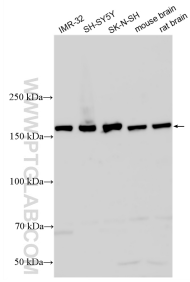
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 32248-1-AP (SORCS3 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.