

For Research Use Only

# SORCS3 Polyclonal antibody

Catalog Number:32248-1-AP



## Basic Information

**Catalog Number:**

32248-1-AP

**Size:**

150ul , Concentration: 400 ug/ml by Nanodrop;

**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

\*\*\* 20ul sizes contain 0.1% BSA

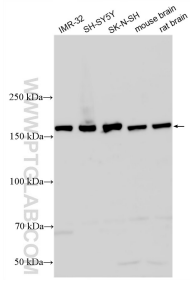
For technical support and original validation data for this product please contact:

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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.