

For Research Use Only

SOS1 Recombinant antibody

Catalog Number: 82784-2-RR



Basic Information

Catalog Number:

82784-2-RR

Size:

100ul , Concentration: 1000 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_005633

GeneID (NCBI):

6654

UNIPROT ID:

Q07889

Full Name:

son of sevenless homolog 1 (Drosophila)

Calculated MW:

152 kDa

Observed MW:

170 kDa

Purification Method:

Protein A purification

CloneNo.:

2J16

Recommended Dilutions:

WB 1:2000-1:10000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : A431 cells, HeLa cells, K-562 cells, NIH/3T3 cells, THP-1 cells, mouse brain tissue, rat brain tissue

Background Information

SOS1 promotes the exchange of Ras-bound GDP by GTP. EPS8, E3B1 and SOS1 form a tricomplex in vivo that exhibits RAC-specific guanine nucleotide exchange factor activity in vitro. Defects in SOS1 are the cause of gingival fibromatosis 1 (GGF1). Defects in SOS1 are the cause of Noonan syndrome type 4 (NS4). The antibody is specific to SOS1.

Storage

Storage:

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

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

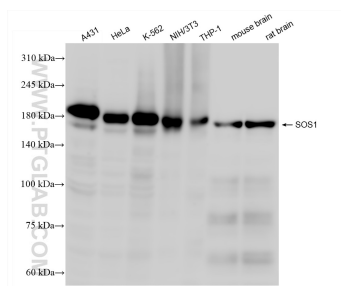
For technical support and original validation data for this product please contact:

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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 82784-2-RR (SOS1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.