

For Research Use Only

# SOS1 Recombinant antibody

Catalog Number:82784-2-RR



## Basic Information

Catalog Number:

82784-2-RR

Size:

1000 µg/ml

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

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 82784-2-RR (SOS1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.