



[Go to Product page](#)

Datasheet for ABIN7384167  
**anti-SOS1 antibody**

### Overview

|              |  |
|--------------|--|
| Quantity:    | 60 µL  |
| Target:      | SOS1   |
| Reactivity:  | Human, Mouse, Rat                              |
| Host:        | Rabbit   |
| Clonality:   | Polyclonal                                     |
| Conjugate:   | This SOS1 antibody is un-conjugated            |
| Application: | Western Blotting (WB), Immunofluorescence (IF) |

### Product Details

|               |   |
|---------------|---|
| Immunogen:    | Recombinant fusion protein of human SOS1 (NP_005624.2). |
| Isotype:      | IgG   |
| Purification: | Affinity purification                                   |

### Target Details

|                   |   |
|-------------------|---|
| Target:           | SOS1  |
| Alternative Name: | SOS1 ( <a href="#">SOS1 Products</a> )  |
| Background:       | SOS1,GF1,GGF1,GINGF,HGF,NS4,This gene encodes a protein that is a guanine nucleotide exchange factor for RAS proteins, membrane proteins that bind guanine nucleotides and participate in signal transduction pathways. GTP binding activates and GTP hydrolysis inactivates RAS proteins. The product of this gene may regulate RAS proteins by facilitating the exchange of GTP for GDP. Mutations in this gene are associated with gingival fibromatosis 1 |

## Target Details

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and Noonan syndrome type 4.

Molecular Weight: Observed\_MW: 175 kDa/200 kDa  
Calculated\_MW: 36 kDa/152 kDa

Gene ID: 6654

UniProt: [Q07889](#)

Pathways: [RTK Signaling](#), [TCR Signaling](#), [Fc-epsilon Receptor Signaling Pathway](#), [EGFR Signaling Pathway](#), [Neurotrophin Signaling Pathway](#), [Hepatitis C](#), [Signaling Events mediated by VEGFR1 and VEGFR2](#), [Signaling of Hepatocyte Growth Factor Receptor](#), [BCR Signaling](#)

## Application Details

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Application Notes: WB 1:500-1:2000 IF 1:50-1:200

Restrictions: For Research Use only

## Handling

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Concentration: 1 mg/mL

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.