

## SOS1 Polyclonal Antibody

**Catalog No.** E-AB-62223

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

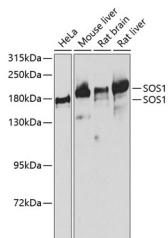
### Description

|                     |                                                   |
|---------------------|---------------------------------------------------|
| <b>Reactivity</b>   | Human, Mouse, Rat                                 |
| <b>Immunogen</b>    | Recombinant fusion protein of human SOS1          |
| <b>Host</b>         | Rabbit                                            |
| <b>Isotype</b>      | IgG                                               |
| <b>Purification</b> | Affinity purification                             |
| <b>Conjugation</b>  | Unconjugated                                      |
| <b>Buffer</b>       | PBS with 0.02% sodium azide, 50% glycerol, pH7.3. |

### Applications Recommended Dilution

**WB** 1:500-1:2000

### Data



Western blot analysis of extracts of various cell lines using SOS1 Polyclonal Antibody at 1:1000 dilution.

**Observed Mw: 175kDa/200kDa**

**Calculated Mw: 36kDa/152kDa**

### Preparation & Storage

**Storage** Store at -20°C. Avoid freeze / thaw cycles.

### Background

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 and Noonan syndrome type 4.

### For Research Use Only