

Anti-SOS1 Rabbit pAb

Purified Rabbit Polyclonal Antibody

Catalog # P106081

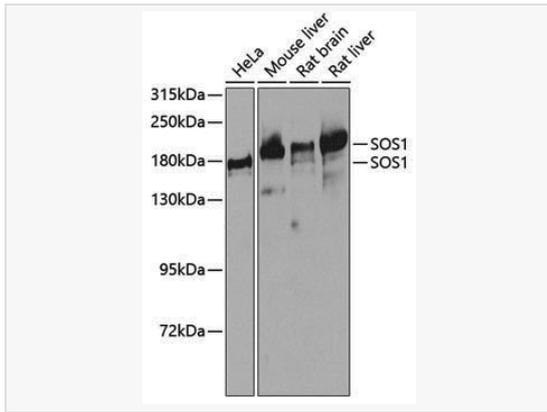
Product Information

Application	WB, ELISA
Reactivity	Human, Mouse, Rat
Dilution	WB 1:500~1:2,000
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1034-1333 of human SOS1 (NP_005624.2).
Format	Affinity purified polyclonal antibody supplied in PBS with 0.02% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-SOS1 Rabbit pAb is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	GF1; HGF; NS4; GGF1; GINGF; SOS-1; SOS1.
Calculated MW	Calculated MW: 152 kDa; Observed MW: 175 kDa/200 kDa
Uniprot ID	Q07889
Gene ID	6654
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.

Validation Images



Western blot analysis of various lysates using SOS1 Rabbit pAb (P106081) at 1:1,000 dilution.

Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (LF102) at 1:10,000 dilution.

Lysates/proteins: 25 μ g per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Kit (SQ201).

Exposure time: 90s.