Rabbit anti-Human, Mouse SOS2 Polyclonal Antibody | anti-SOS2 antibody

Rabbit anti-SOS2 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211667	**Rabbit**	**Human, Mouse**	**Immunoprecipitation, Western Blot**

PRODUCT SYNONYMS

SOS2; Polyclonal Antibody; Rabbit anti-SOS2 Antibody; Affinity Purified; guanine nucleotide releasing factor; NS9; son of sevenless homolog 2; SOS-2; Son of sevenless homolog 2; SOS Ras/Rho guanine nucleotide exchange factor 2; anti-SOS2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-SOS2 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 1282 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES

WB (Western Blot)
Detection of human SOS2 by western blot. Samples: Whole cell lysate (25 ug) from Jurkat, RKO, CAL-27, PANC-1, and MDA-MB-231 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-SOS2 antibody (AAA211667 lot 3) used for WB at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.

WB (Western Blot)
Detection of mouse SOS2 by western blot. Samples: Whole cell lysate (25 ug) from CH27, TCMK-1, and BW5147.3 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-SOS2 antibody (AAA211667 lot 3) used for WB at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.

IP (Immunoprecipitation)
Detection of human SOS2 by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from Jurkat cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-SOS2 antibody (AAA211667 lot 3) used for IP at 6 ug per reaction. SOS2 was also immunoprecipitated by a previous lot of this antibody (AAA211667 lot 2) and a second antibody against a different epitope of SOS2 (BL7525). For blotting immunoprecipitated SOS2, AAA211667 was used at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 75 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-SOS2 antibody	SOS2 (son of sevenless homolog 2) is a human paralog of the Drosophila SOS gene. Drosophila SOS was originally identified as a gene that functioned downstream of the sevenless gene in the Ras/MAP kinase signaling pathway. SOS and its paralogs, SOS1 and SOS2, function as guanine nucleotide exchange factors that act on Ras-GTPases to cause release of GDP in exchange for GTP. Although targeted disruption of SOS1 results in embryonic lethality, disruption of SOS2 does not have any effects on mouse development, growth, or fertility.
Product Categories/Family for anti-SOS2 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	154689780
NCBI GeneID	6655
NCBI Accession #	NP_008870.2
NCBI GenBank Nucleotide #	NM_006939.2
UniProt Accession #	Q07890; Q15503; Q17RN1; D3DSB4
Molecular Weight	152,979 Da
NCBI Official Full Name	son of sevenless homolog 2
NCBI Official Synonym Full Names	son of sevenless homolog 2 (Drosophila)
NCBI Official Symbol	SOS2
NCBI Protein Information	son of sevenless homolog 2; SOS-2; guanine nucleotide exchange factor; guanine nucleotide releasing factor
UniProt Protein Name	Son of sevenless homolog 2
UniProt Gene Name	**SOS2**
UniProt Synonym Gene Names	SOS-2
UniProt Entry Name	SOS2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/polyclonal/sos2-antibody-immunoprecipitation-western-blot-elisa/211667