

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

SOS2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA321897	Rabbit	Human	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

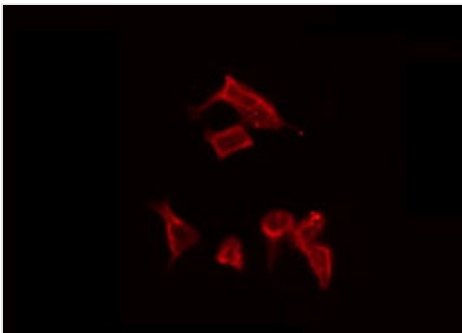
PRODUCT SYNONYMS

SOS2; Polyclonal Antibody; SOS2 Antibody; FLJ25596; Guanine nucleotide exchange factor; Guanine nucleotide releasing factor; Son of sevenless (Drosophila) homolog 2; Son of sevenless homolog 2 (Drosophila); Son of sevenless homolog 2; SOS 2; SOS-2; Sos2; SOS2_HUMAN; anti-SOS2 antibody

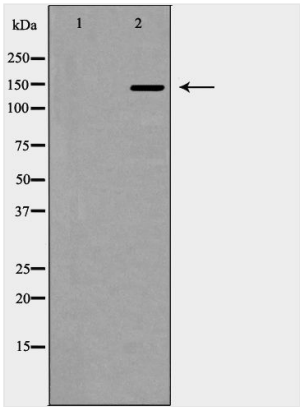
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	SOS2 antibody detects endogenous levels of total SOS2
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	1332
Applicable Applications for anti-SOS2 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide derived from human SOS2
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Dog
Similarity	Pig (89%), Bovine (89%), Horse (89%), Sheep (89%), Rabbit (89%), Dog (89%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)
AAA321897 staining Hela by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



WB (Western Blot)
Western blot analysis of SOS2 expression in HT-29 cell lysate, The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-SOS2 antibody	Promotes the exchange of Ras-bound GDP by GTP.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	154689780
NCBI GeneID	6655
NCBI Accession #	NP_008870.2
NCBI GenBank Nucleotide #	NM_006939.3
UniProt Accession #	Q07890; Q15503; Q17RN1; B7ZKT6; D3DSB4
Molecular Weight	Observed: 153 kDa Predicted: 153 kDa
NCBI Official Full Name	son of sevenless homolog 2
NCBI Official Synonym Full Names	SOS Ras/Rho guanine nucleotide exchange factor 2
NCBI Official Symbol	SOS2
NCBI Official Synonym Symbols	NS9; SOS-2
NCBI Protein Information	son of sevenless homolog 2
UniProt Protein Name	Son of sevenless homolog 2
UniProt Gene Name	SOS2
UniProt Synonym Gene Names	SOS-2

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.