

Rabbit SOS2 Polyclonal Antibody | anti-SOS2 antibody

SOS2 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286410	Rabbit	Human (Predicted Reactivity: Mouse)	Western Blot, ELISA, Flow Cytometry, Functional Assay

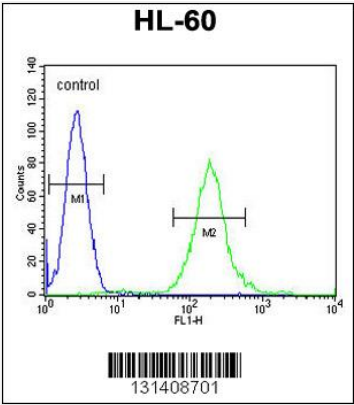
PRODUCT SYNONYMS

SOS2; Polyclonal Antibody; SOS2 Antibody (N-term); Son of sevenless homolog 2; SOS-2; anti-SOS2 antibody

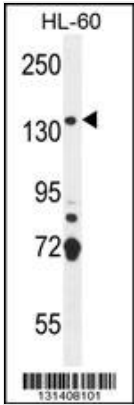
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This SOS2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 188-215 amino acids from the N-terminal region of human SOS2.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	188-215
Sequence Length	1332
Applicable Applications for anti-SOS2 antibody	WB (Western Blot), ELISA, FCM/FACS (Flow Cytometry)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



FCM/FACS (Flow Cytometry)
SOS2 Antibody (N-term) flow cytometric analysis of HL-60 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
SOS2 Antibody (N-term) western blot analysis in HL-60 cell line lysates (35ug/lane).This demonstrates the SOS2 antibody detected the SOS2 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-SOS2 antibody	SOS2 promotes the exchange of Ras-bound GDP by GTP (By similarity).
Product Categories/Family for anti-SOS2 antibody	Signal Transduction
References	Takefuji, M., et al. J. Hum. Genet. 55(1):42-49(2010) Kurada, B.R., et al. J. Biol. Chem. 284(20):13533-13541(2009) Hamilton, G., et al. Am. J. Med. Genet. B Neuropsychiatr. Genet. 144B (4), 508-516 (2007) : Wu, C., et al. Proteomics 7(11):1775-1785(2007) Roberts, A.E., et al. Nat. Genet. 39(1):70-74(2007)

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; B7ZKT6; D3DSB4
Molecular Weight	152979
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
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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/sos2-antibody-western-blot-flow-cytometry-elisa/286410>