

Rabbit Sur-8 Polyclonal Antibody | anti-Sur-8 antibody

Sur-8 Antibody

CATALOG # AAA323058	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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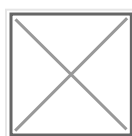
PRODUCT SYNONYMS

Sur-8; Polyclonal Antibody; Sur-8 Antibody; KIAA0862; Leucine-rich repeat protein SHOC-2; Protein soc-2 homolog; Protein Sur-8 homolog; Ras-binding protein Sur-8; SHOC2; SHOC2_HUMAN; anti-Sur-8 antibody

PRODUCT SPECIFICATIONS

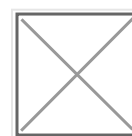
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	Sur-8 antibody detects endogenous levels of Sur-8.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	536
Applicable Applications for anti-Sur-8 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human Sur-8.
Subcellular Location	Cytoplasm. Nucleus. Translocates from cytoplasm to nucleus upon growth factor stimulation.
Predicted Cross Reactivity	Pig, Zebrafish, Bovine, Horse, Sheep, Rabbit, Dog, Xenopus
Similarity	Pig (100%), Zebrafish (100%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%), Xenopus (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)

AAA323058 at 1/100 staining Rat liver tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)

Western blot analysis of extracts of U-251 cells, using Sur-8 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-Sur-8 antibody	Function: Regulatory subunit of protein phosphatase 1 (PP1c) that acts as a M-Ras/MRAS effector and participates in MAPK pathway activation. Upon M-Ras/MRAS activation, targets PP1c to specifically dephosphorylate the 'Ser-259' inhibitory site of RAF1 kinase and stimulate RAF1 activity at specialized signaling complexes. Subunit Structure: Interacts with M-Ras/MRAS, and RAF1. Forms a multiprotein complex with Ras (M-Ras/MRAS), Raf (RAF1) and protein phosphatase 1 (PPP1CA, PPP1CB and PPP1CC). Interacts with ERBIN; disrupts the interaction with RAF1 and Ras, leading to prevent activation of the Ras signaling pathway. Specifically binds K-Ras/KRAS, M-Ras/MRAS and N-Ras/NRAS but not H-Ras/HRAS. Similarity: Belongs to the SHOC2 family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	392841224
NCBI GeneID	8036
NCBI Accession #	NP_001255968.1
NCBI GenBank Nucleotide #	NM_001269039.2
UniProt Accession #	Q9UQ13; O76063; Q5VZS8; Q5VZS9; A8K9W8; B3KR23
Molecular Weight	Observed: 65 kDa Predicted: 65 kDa
NCBI Official Full Name	leucine-rich repeat protein SHOC-2 isoform 2
NCBI Official Synonym Full Names	SHOC2, leucine rich repeat scaffold protein
NCBI Official Symbol	SHOC2
NCBI Official Synonym Symbols	SOC2; SUR8; SIAA0862
NCBI Protein Information	leucine-rich repeat protein SHOC-2
UniProt Protein Name	Leucine-rich repeat protein SHOC-2
UniProt Gene Name	SHOC2
UniProt Synonym Gene Names	KIAA0862

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://stage.aaabiotech.com/polyclonal/sur-8-antibody-immunohistochemistry-western-blot-elisa/323058>