

Rabbit anti-Human, Mouse SSH3 Polyclonal Antibody | anti-SSH3 antibody

Phospho-SSH3 (Ser37) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA321397	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot

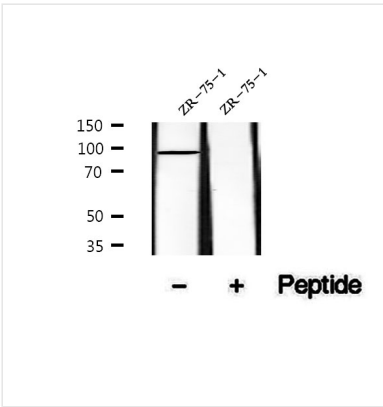
PRODUCT SYNONYMS

SSH3; Polyclonal Antibody; Phospho-SSH3 (Ser37) Antibody; FLJ10928; FLJ20515; hSSH 3L; hSSH-3L; hSSH3L; Protein phosphatase Slingshot homolog 3; Slingshot 3; Slingshot homolog 3; Slingshot3; SSH 3; SSH 3L; SSH-3L; SSH-like protein 3; Ssh3; SSH3_HUMAN; SSH3L; anti-SSH3 antibody

PRODUCT SPECIFICATIONS

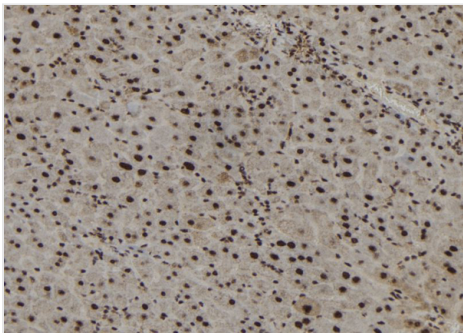
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	Phospho-SSH3 (Ser37) antibody detects endogenous levels of SSH3.
Purity/Purification	From purified rabbit serum by affinity purification via sequential chromatography on phospho-and non-phospho-peptide affinity columns.
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	659
Applicable Applications for anti-SSH3 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human SSH3 around the phosphorylation site of Ser37.
Subcellular Location	Cytoplasm > Cytoskeleton. Nucleus.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Dog
Similarity	Pig (100%), Bovine (100%), Horse (100%), Sheep (100%), Dog (100%)
Conjugation	Unconjugated
Epitope	Phospho Ser37
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of extracts of ZR-75-1 cells, using Phospho-SSH3 (Ser37) Antibody.



IHC (Immunohistochemistry)

AAA321397 at 1/100 staining Mouse 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.

ADDITIONAL INFORMATION

Related Product Information for anti-SSH3 antibody	Function: Protein phosphatase which may play a role in the regulation of actin filament dynamics. Can dephosphorylate and activate the actin binding/depolymerizing factor cofilin, which subsequently binds to actin filaments and stimulates their disassembly (By similarity). Subunit Structure: Does not bind to, or colocalize with, filamentous actin. Similarity: Belongs to the protein-tyrosine phosphatase family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	239582767
NCBI GeneID	54961
NCBI Accession #	NP_060327.3
NCBI GenBank Nucleotide #	NM_017857.3
UniProt Accession #	Q8TE77; Q6PK42; Q76I75; Q8N9L8; Q8WYL0; Q9NV45; Q9NWX7
Molecular Weight	Observed: 90 kDa Predicted: 73 kDa
NCBI Official Full Name	protein phosphatase Slingshot homolog 3
NCBI Official Synonym Full Names	slingshot protein phosphatase 3
NCBI Official Symbol	SSH3
NCBI Official Synonym Symbols	SSH3L
NCBI Protein Information	protein phosphatase Slingshot homolog 3
UniProt Protein Name	Protein phosphatase Slingshot homolog 3
UniProt Gene Name	SSH3
UniProt Synonym Gene Names	SSH3L; SSH-3L; hSSH-3L

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.