

Rabbit SELK Polyclonal Antibody | anti-SELK antibody

SELK Antibody

CATALOG # AAA40116	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot, ELISA
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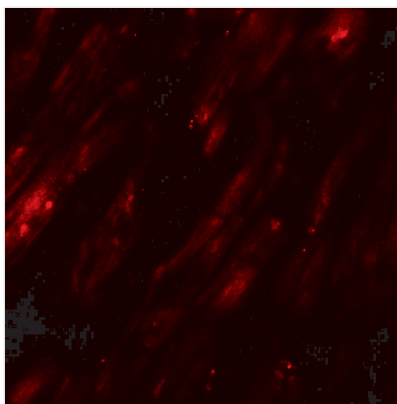
PRODUCT SYNONYMS

SELK; Polyclonal Antibody; SELK Antibody; SelK; HSPC030; HSPC297; Selenoprotein K; selenoprotein K; anti-SELK antibody

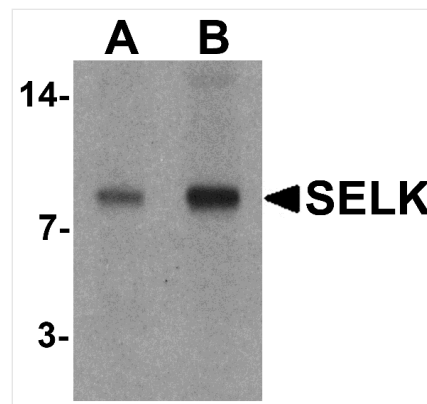
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	SELK Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	94
Applicable Applications for anti-SELK antibody	IF (Immunofluorescence), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	SELK antibody was raised against an 18 amino acid synthetic peptide near the carboxy terminus of human SELK.
Buffer	SELK Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	SELK antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES


IF (Immunofluorescence)

Immunofluorescence of SELK in human heart tissue with SELK antibody at 20 µg/mL.


WB (Western Blot)

Western blot analysis of SELK in A20 cell lysate with SELK antibody at (A) 1 and (B) 2 µg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-SELK antibody	SELK Antibody: SELK is a selenoprotein, containing a selenocysteine residue at its active site. SELK is localized to the endoplasmic reticulum and is highly expressed in the heart, where it may function as an antioxidant. SELK can bind to proteins such as the ER-associated degradation (ERAD) components p97 ATPase, Derlin-1 and -2, and SelS as well as proteins in the oligosaccharyltransferase complex, suggesting that SELK may be involved in the Derlin-dependent ERAD of glycosylated misfolded proteins. SELK is also thought to be important in Ca2+ flux in immune cells, and is cleaved by m-calpain in resting macrophages. When these macrophages are activated through different Toll-like receptors, this cleavage is inhibited
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NCBI AND UNIPROT INFORMATION

NCBI GI #	25014099
NCBI GeneID	58515
NCBI Accession #	NP_067060
NCBI GenBank Nucleotide #	NM_021237.3
UniProt Accession #	Q9Y6D0; Q8IZQ3; Q9P085
Molecular Weight	10 kDa
NCBI Official Full Name	selenoprotein K
NCBI Official Symbol	SELK
NCBI Official Synonym Symbols	SelK; HSPC030; HSPC297
NCBI Protein Information	selenoprotein K
UniProt Protein Name	Selenoprotein K
UniProt Gene Name	SELK
UniProt Synonym Gene Names	SelK
UniProt Entry Name	SELK_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/selk-antibody-immunofluorescence-western-blot-elisa/40116>