

Rabbit SELK Polyclonal Antibody | anti-SELK antibody

SELK Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286026	Rabbit	Human, mouse (Predicted Reactivity: Monkey)	ELISA, Western Blot

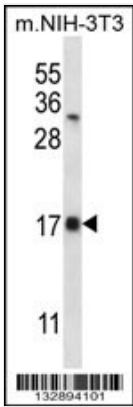
PRODUCT SYNONYMS

SELK; Polyclonal Antibody; SELK Antibody (Center); Selenoprotein K; SelK; anti-SELK antibody

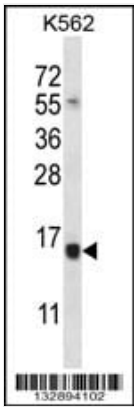
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse (Predicted Reactivity: Monkey)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This SELK antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 32-61 amino acids from the Central region of human SELK.
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	32-61
Sequence Length	94
Applicable Applications for anti-SELK antibody	ELISA, WB (Western Blot)
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



WB (Western Blot)
SELK Antibody (Center) western blot analysis in mouse NIH-3T3 cell line lysates (35ug/lane).This demonstrates the SELK antibody detected the SELK protein (arrow).



WB (Western Blot)
SELK Antibody (Center) western blot analysis in K562 cell line lysates (35ug/lane).This demonstrates the SELK antibody detected the SELK protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-SELK antibody	This gene encodes a selenoprotein, which contains a selenocysteine (Sec) residue at its active site. The selenocysteine is encoded by the UGA codon that normally signals translation termination. The 3' UTR of selenoprotein genes have a common stem-loop structure, the sec insertion sequence (SECIS), that is necessary for the recognition of UGA as a Sec codon rather than as a stop signal. This selenoprotein is localized to the endoplasmic reticulum and is highly expressed in the heart, where it may function as an antioxidant.
Product Categories/Family for anti-SELK antibody	Cell Biology; Signal transduction
References	Lu, C., et al. FEBS Lett. 580(22):5189-5197(2006) Kryukov, G.V., et al. Science 300(5624):1439-1443(2003)

NCBI AND UNIPROT INFORMATION

NCBI GI #	25014099
NCBI GeneID	58515
NCBI Accession #	NP_067060.2
NCBI GenBank Nucleotide #	NM_021237.3
UniProt Accession #	Q9Y6D0; Q8IZQ3; Q9P085
Molecular Weight	10645
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

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-western-blot-elisa/286026>