

Datasheet for ABIN657518

anti-Selenoprotein K antibody (AA 32-61)**1** Image**1** Publication[Go to Product page](#)

Overview

Quantity:	400 µL
Target:	Selenoprotein K (SELK)
Binding Specificity:	AA 32-61
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)

Product Details

Immunogen:	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.
Clone:	RB32894
Isotype:	Ig Fraction
Predicted Reactivity:	Pr
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	Selenoprotein K (SELK)
Alternative Name:	SELK (SELK Products)
Background:	This gene encodes a selenoprotein, which contains a selenocysteine (Sec) residue at its active

Target Details

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.

Molecular Weight: 10645

Gene ID: 58515

NCBI Accession: [NP_067060](#)

UniProt: [Q9Y6D0](#)

Application Details

Application Notes: WB: 1:500

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-20 °C

Storage Comment: SELK Antibody (Center) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, place the at -20 °C.

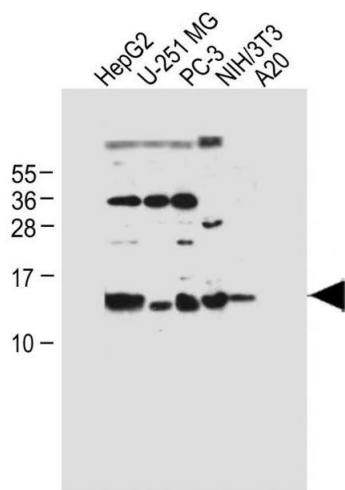
Expiry Date: 6 months

Publications

Product cited in: Wu, Ma, Shan, Zhou, Li: "High expression of matrix metalloproteinases 16 is associated with the aggressive malignant behavior and poor survival outcome in colorectal carcinoma." in: **Scientific reports**, Vol. 7, pp. 46531, (2017) ([PubMed](#)).

Shen, Wang, Yu, Zhang, Qin: "MMP16 promotes tumor metastasis and indicates poor prognosis

in hepatocellular carcinoma." in: **Oncotarget**, Vol. 8, Issue 42, pp. 72197-72204, (2017) ([PubMed](#)).



Western Blotting

Image 1. All lanes : Anti-SELK Antibody (Center) at 1:500 dilution Lane 1: HepG2 whole cell lysate Lane 2: U-251 MG whole cell lysate Lane 3: PC-3 whole cell lysate Lane 4: NIH/3T3 whole cell lysate Lane 5: A20 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 11 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.