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Datasheet for ABIN7466544 **anti-Selenoprotein K antibody**

Overview

Quantity:	100 µL
Target:	Selenoprotein K (SELK)
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Selenoprotein K antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human SELK. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	Selenoprotein K (SELK)
Alternative Name:	selenoprotein K (SELK Products)
Background:	Selenoprotein K , HSPC030 , HSPC297 , SELK, 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

Target Details

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. [provided by RefSeq]

Molecular Weight: 10 kDa

Gene ID: 58515

UniProt: [Q9Y6D0](#)

Application Details

Application Notes: WB: 1:500-1:3000. ICC/IF: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.

Comment: Positive Control: K562

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1.48 mg/mL

Buffer: 1XPBS (pH 7), 20 % Glycerol, 0.025 % ProClin 300

Preservative: ProClin

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

Storage: 4 °C, -20 °C

Storage Comment: Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.