SELK rabbit pAb

Catalog No	YP-Ab-18068
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	SELK HSPC030 HSPC297
Immunogen	Synthesized peptide derived from human SELK
Specificity	This antibody detects endogenous levels of SELK at Human, Mouse,Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-15°C to -25°C/1 year(Do not lower than -25°C)
Synonyms	Selenoprotein K;HSPC297;HSPC030;SELENOK;SELK HSPC030 HSPC297;Selenoprotein K (SelK)
Observed Band	10 kDa
Calculated Molecular Weight	94 aa, 10 kDa
Cell Pathway	Endoplasmic reticulum membrane ; Single-pass membrane protein . Cell membrane ; Single-pass membrane protein . Probably mainly localized in the ER. .
Tissue Specificity	Highly expressed in heart.
Function	Required for Ca(2+) flux in immune cells and plays a role in T-cell proliferation and in T-cell and neutrophil migration (By similarity). Involved in endoplasmic reticulum-associated degradation (ERAD) of soluble glycosylated proteins . Required for palmitoylation and cell surface expression of CD36 and involved in macrophage uptake of low-density lipoprotein and in foam cell formation (By similarity). Together with ZDHHC6, required for palmitoylation of ITPR1 in immune cells, leading to regulate ITPR1 stability and function . Plays a role in protection of cells from ER stress-induced apoptosis . Protects cells from oxidative stress when overexpressed in cardiomyocytes .
Background	

matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images