

SELENOK Rabbit pAb

货号: **AYP12864**

产品信息

反应	Mouse
宿主	Rabbit
克隆性	Polyclonal
预测反应	WB: Gallus gallus
应用	WB
推荐浓度	WB: 1:500 - 1:1000
理论分子量	10kDa
实测分子量	11kDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	Mouse spleen,Mouse heart
细胞定位	endoplasmic reticulum,Golgi apparatus,plasma membrane
纯化	Affinity purification

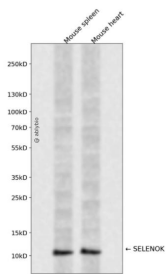
抗原信息

抗原信息	A synthetic peptide corresponding to a sequence within amino acids 1-94 of human SELENOK (NP_067060.2).
序列	MVYISNGQVLDSRSQSPWRLSLITDFFWGIAEFVVLFFKTLQDVKKRRSYGNSSDSRYDDGRGPPGNPPRRMGRINH LRGPSPPPMAGGUGR

靶点信息

研究背景	The protein encoded by this gene belongs to the selenoprotein K family. It is a transmembrane protein that is localized in the endoplasmic reticulum (ER), and is involved in ER-associated degradation (ERAD) of misfolded, glycosylated proteins. It also has a role in the protection of cells from ER stress-induced apoptosis. Knockout studies in mice show the importance of this gene in promoting Ca(2+) flux in immune cells and mounting effective immune response. This protein is a selenoprotein, containing the rare amino acid selenocysteine (Sec). Sec is encoded by the UGA codon, which normally signals translation termination. The 3' UTRs of selenoprotein mRNAs contain a conserved stem-loop structure, designated the Sec insertion sequence (SECIS) element, that is necessary for the recognition of UGA as a Sec codon, rather than as a stop signal. Pseudogenes of this locus have been identified on chromosomes 6 and 19.
基因ID	58515
基因名	SELENOK
Swiss	Q9Y6D0
别名	SELK; HSPC030; HSPC297

产品验证



Western blot analysis of SELENOK expressed in Mouse spleen, Mouse heart using SELENOK Rabbit pAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

实验步骤

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