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VIMP Rabbit pAb

货号: AYP13105

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	**WB:** Gallus gallus
应用	WB
推荐浓度	**WB:** 1:500 - 1:2000
理论分子量	21kDa
实测分子量	21kDa
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thiomersal,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	293T,A-431,Mouse brain,Rat lung
细胞定位	Cytoplasm,Endoplasmic reticulum membrane,Single-pass membrane protein
纯化	Affinity purification

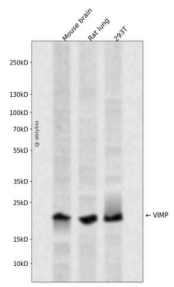
抗原信息

抗原信息	A synthetic peptide corresponding to a sequence within amino acids 50-150 of human VIMP (NP_982298.2).

靶点信息

研究背景	This gene encodes a transmembrane protein that is localized in the endoplasmic reticulum (ER). It is involved in the degradation process of misfolded proteins in the ER, and may also have a role in inflammation control. 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. Two additional phylogenetically conserved stem-loop structures (Stem-loop 1 and Stem-loop 2) in the 3' UTR have been shown to function as modulators of Sec insertion in this protein (PMID:23614019). An alternatively spliced transcript variant, lacking the SECIS element and encoding a non-Sec containing shorter isoform, has been described for this gene.
基因ID	55829
基因名	SELENOS
Swiss	Q9BQE4 (https://www.uniprot.org/uniprotkb/Q9BQE4/entry)
别名	SELENOS,AD-015,ADO15,SBBI8,SELS,SEPS1,VIMP,VIMP Rabbit pAb,VCP-interacting membrane protein

产品验证



Western blot analysis of VIMP expressed in Mouse brain,Rat lung,293T using VIMP 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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