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Anti-Human/Mouse KDELR3 Polyclonal Antibody

多克隆抗体

产品货号: PA04662

第三版

描述: This gene encodes a member of the KDEL endoplasmic reticulum protein retention receptor family. Retention of resident soluble proteins in the lumen of the endoplasmic reticulum (ER) is achieved in both yeast and animal cells by their continual retrieval from the cis-Golgi, or a pre-Golgi compartment. Sorting of these proteins is dependent on a C-terminal tetrapeptide signal, usually lys-asp-glu-leu (KDEL) in animal cells, and his-asp-glu-leu (HDEL) in S. cerevisiae. This process is mediated by a receptor that recognizes, and binds the tetrapeptide-containing protein, and returns it to the ER. In yeast, the sorting receptor encoded by a single gene, ERD2, is a seven-transmembrane protein. Unlike yeast, several human homologs of the ERD2 gene, constituting the KDEL receptor gene family, have been described. KDELR3 was the third member of the family to be identified. Alternate splicing results in multiple transcript variants.KDELR3 (KDEL Endoplasmic Reticulum Protein Retention Receptor 3) is a Protein Coding gene. Among its related pathways are Activation of cAMP-Dependent PKA and Vesicle-mediated transport. GO annotations related to this gene include ER retention sequence binding. An important paralog of this gene is KDELR2.

抗原: Synthesized peptide derived from the Internal region of human KDEL Receptor 3

配方:

如何使用:加1ml超纯水重溶

稳定性: -20 ° C保存条件下，冻干粉,保质期为五年；液体，保质期为两年。

稀释液:PBS (pH7.4)， 1% BSA

应用:WB 1～5 μ g/ml.

特异性: