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Anti-Human/Mouse/Rat KDEL2 Polyclonal Antibody

多克隆抗体

产品货号: PA04661

第三版

描述: 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. KDEL2 was the second member of the family to be identified, and it encodes a protein which is 83% identical to the KDEL1 gene product. Alternative splicing results in multiple transcript variants encoding distinct isoforms. KDEL2 (KDEL Endoplasmic Reticulum Protein Retention Receptor 2) 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 and KDEL sequence binding. An important paralog of this gene is KDEL1.

抗原: Synthesized peptide derived from the Internal region of human KDEL Receptor 2

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 μg/ml.

特异性: