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Anti-Human/Mouse COL25A1 Polyclonal Antibody

多克隆抗体

产品货号: PA04543

第三版

描述:COL25A1 (Collagen Type XXV Alpha 1 Chain) is a Protein Coding gene. Diseases associated with COL25A1 include Fibrosis Of Extraocular Muscles, Congenital, 5 and Ptosis, Congenital. Among its related pathways are Phospholipase-C Pathway and Degradation of the extracellular matrix. GO annotations related to this gene include heparin binding and beta-amyloid binding. An important paralog of this gene is COL22A1. This gene encodes a brain-specific membrane associated collagen. A product of proteolytic processing of the encoded protein, CLAC (collagenous Alzheimer amyloid plaque component), binds to amyloid beta-peptides found in Alzheimer amyloid plaques but CLAC inhibits rather than facilitates amyloid fibril elongation (PMID: 16300410). A study of over-expression of this collagen in mice, however, found changes in pathology and behavior suggesting that the encoded protein may promote amyloid plaque formation (PMID: 19548013). Multiple transcript variants encoding different isoforms have been found for this gene.

抗原: Synthetic peptide from human protein

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: Expressed predominantly in brain. Deposited preferentially in primitive or neuritic amyloid plaques which are typical of Alzheimer disease.