

COL25A1 Polyclonal Antibody

Cat No: HR1AP8873

For research use only

Overview

Product Name	COL25A1 Polyclonal Antibody
Source	Rabbit
Applications	WB,IHC-p,IF,ELISA
Species Reactivity	Human,Mouse
Recommended Dilutions	
Immunogen	
Species	Rabbit
Storage	-20°C/1 year
Isotype	
Clonality	
Concentration	1 mg/ml
Observed band	64kDa
GeneID?Human?	COL25A1
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	COL25A1; Collagen alpha-1(XXV) chain; Alzheimer disease amyloid-associated protein; AMY; CLAC-P
Background	collagen type XXV alpha 1 chain(COL25A1) Homo sapiens 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. [provided by RefSeq, Dec 2011],