COL25A1 rabbit monoclonal antibody

Catalog #   H00084570-K   Size   100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human COL25A1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human COL25A1 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human COL25A1 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including $F(ab)_2$, IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

  Protocol Download

- ELISA

Gene Info — COL25A1

Entrez GeneID	[84570](#)
GeneBank Accession#	[COL25A1](#)
Gene Name	COL25A1
Gene Alias	CLAC, CLACP
Gene Description	collagen, type XXV, alpha 1
Omim ID	[610004](#)
Gene Ontology	[Hyperlink](#)
Gene Summary	COL25A1 is a brain-specific membrane-bound collagen. Proteolytic processing releases CLAC, a soluble form of COL25A1 containing the extracellular collagen domains that associates with senile plaques in Alzheimer disease (AD; MIM 104300) brains (Osada et al., 2005 [PubMed 15615705]).[supplied by OMIM
Other Designations	OTTHUMP00000196081|OTTHUMP00000196082|collagen-like Alzheimer amyloid plaque component|collagenous Alzheimer amyloid plaque component

Disease

- [Alcoholism](#)
- [Alzheimer disease](#)
- [Genetic Predisposition to Disease](#)
- [Tobacco Use Disorder](#)