

## Rabbit anti-Human, Mouse COL25A1 Polyclonal Antibody | anti-COL25A1 antibody

COL25A1 Antibody

| CATALOG # | HOST   | REACTIVITY   | APPLICATIONS                       |
|-----------|--------|--------------|------------------------------------|
| AAA310387 | Rabbit | Human, Mouse | Immunohistochemistry, Western Blot |

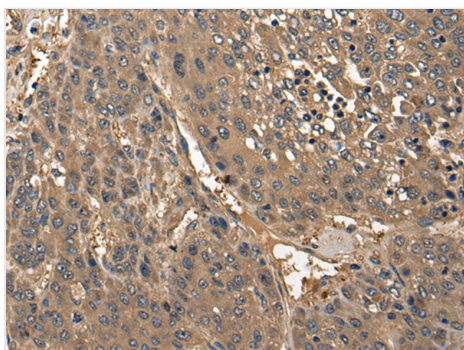
### PRODUCT SYNONYMS

COL25A1; Polyclonal Antibody; COL25A1 Antibody; AMY; CLAC; CLACP; CFEOM5; CLAC-P; anti-COL25A1 antibody

### PRODUCT SPECIFICATIONS

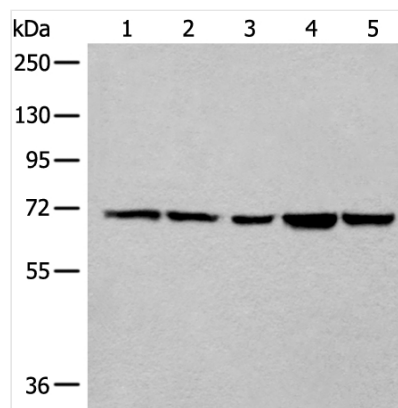
|                                                   |                                                                                  |
|---------------------------------------------------|----------------------------------------------------------------------------------|
| Host                                              | Rabbit                                                                           |
| Reactivity                                        | Human, Mouse                                                                     |
| Clonality                                         | Polyclonal                                                                       |
| Isotype                                           | IgG                                                                              |
| Specificity                                       | The antibody detects endogenous levels of total COL25A1 protein.                 |
| Purity/Purification                               | Antigen affinity purification                                                    |
| Form/Format                                       | In pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol.                             |
| Concentration                                     | 1mg/ml (varies by lot)                                                           |
| Sequence Length                                   | 654                                                                              |
| Applicable Applications for anti-COL25A1 antibody | IHC (Immunohistochemistry), WB (Western Blot)                                    |
| Immunogen                                         | Synthetic peptide corresponding to residues near the C terminal of human COL25A1 |
| Immunogen Type                                    | Peptide                                                                          |
| Preparation and Storage                           | Store at -20 degree C.                                                           |

### IMAGES



#### IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using 46532(COL25A1 Antibody) at dilution 1/25, on the right is treated with synthetic peptide. (Original magnification: x200)



#### SDS-PAGE

Gel: 8%SDS-PAGE, Lysate: 40 µg, Lane 1-5: A549, Jurkat and A172 cell, Human testis tissue, Hela cell lysates, Primary antibody: 46532(COL25A1 Antibody) at dilution 1/200, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 5 seconds

ADDITIONAL INFORMATION

|                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-COL25A1 antibody | 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. |
| Product Categories/Family for anti-COL25A1 antibody   | Total protein Ab                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

NCBI AND UNIPROT INFORMATION

|                                  |                                       |
|----------------------------------|---------------------------------------|
| NCBI GI #                        | 38570075                              |
| NCBI GeneID                      | 84570                                 |
| NCBI Accession #                 | NP_942014                             |
| NCBI GenBank Nucleotide #        | NM_198721.3                           |
| UniProt Accession #              | Q9BXS0; Q9BXR9; A8MPZ6                |
| Molecular Weight                 | 65 kDa                                |
| NCBI Official Full Name          | collagen alpha-1(XXV) chain isoform 1 |
| NCBI Official Synonym Full Names | collagen type XXV alpha 1 chain       |
| NCBI Official Symbol             | COL25A1                               |
| NCBI Official Synonym Symbols    | AMY; CLAC; CLACP; CFEOM5; CLAC-P      |
| NCBI Protein Information         | collagen alpha-1(XXV) chain           |
| UniProt Protein Name             | Collagen alpha-1(XXV) chain           |
| UniProt Gene Name                | COL25A1                               |
| UniProt Synonym Gene Names       | AMY; CLAC                             |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/col25a1-antibody-immunohistochemistry-western-blot-elisa/310387>