

# Rabbit anti-Human, Rat Collagen Type XVII (COL17) Polyclonal Antibody | anti-COL17 antibody

Polyclonal Antibody to Collagen Type XVII (COL17)

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                                                   |
|-----------|--------|------------|----------------------------------------------------------------|
| AAA130823 | Rabbit | Human, Rat | Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry |

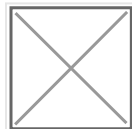
## PRODUCT SYNONYMS

Collagen Type XVII (COL17); Polyclonal Antibody; Polyclonal Antibody to Collagen Type XVII (COL17); anti-COL17 antibody

## PRODUCT SPECIFICATIONS

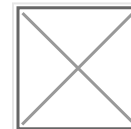
|                                                 |                                                                                                                                                                                                                                                                                                                                              |
|-------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                                                                                                                                                                                                                       |
| Reactivity                                      | Human, Rat                                                                                                                                                                                                                                                                                                                                   |
| Clonality                                       | Polyclonal                                                                                                                                                                                                                                                                                                                                   |
| Specificity                                     | The antibody is a rabbit polyclonal antibody raised against COL17. It has been selected for its ability to recognize COL17 in immunohistochemical staining and western blotting.                                                                                                                                                             |
| Purity/Purification                             | Affinity Chromatography                                                                                                                                                                                                                                                                                                                      |
| Form/Format                                     | Supplied as solution form in PBS, pH7.4, containing 0.02% Na <sub>3</sub> , 50% glycerol.                                                                                                                                                                                                                                                    |
| Concentration                                   | 0.36mg/ml (varies by lot)                                                                                                                                                                                                                                                                                                                    |
| Sequence                                        | Antigen: The target protein is fused with N-terminal His-Tag and its sequence is listed below.<br>MG HHHHHHSGSE F-PIPKKGT VETKIVTASSQ SVSGTYDATI LDANLP SHVW SSTLPAGSSM GTYHNNMTTQ<br>SSLLNTNAY SAGSVFGVPN NMASCPTLH PGLSTSSSVF GMQNNLAPSL TTLSHGTTTT STAYGVKKNM<br>PQSPA AVNTG VSTSA ACTTS VQSDDLLHKD CKFLILEKDN TPAKKEMELL IMTKDSGKVF TASP |
| Applicable Applications for anti-COL17 antibody | WB (Western Blot), ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry)                                                                                                                                                                                                                                                              |
| Immunogen                                       | Recombinant COL17 (Pro184~Pro375) expressed in E.coli.                                                                                                                                                                                                                                                                                       |
| Cross Reactivity                                | Human, Rat                                                                                                                                                                                                                                                                                                                                   |
| Conjugated Antibody                             | The APC conjugated antibody version of this item is also available as                                                                                                                                                                                                                                                                        |
| Preparation and Storage                         | Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.                                                                                                                                                |

## IMAGES



**IHC (Immunohistochemistry)**

DAB staining on formalin fixed paraffin-embedded Stomach tissue



**WB (Western Blot)**

Western Blot: Sample: Recombinant protein.



**WB (Western Blot)**

Western Blot: Sample: Rat Skin lysate; Primary Ab: 3ug/ml Rabbit Anti-Human COL17  
Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

**NCBI AND UNIPROT INFORMATION**

|                                  |                                                         |
|----------------------------------|---------------------------------------------------------|
| NCBI GI #                        | 119829187                                               |
| NCBI GeneID                      | 1308                                                    |
| NCBI Accession #                 | NP_000485.3                                             |
| NCBI GenBank Nucleotide #        | NM_000494.3                                             |
| UniProt Accession #              | Q9UMD9; Q02802; Q5JV36; Q99018; Q9NQK9; Q9UC14          |
| Molecular Weight                 | 142,344 Da                                              |
| NCBI Official Full Name          | collagen alpha-1(XVII) chain                            |
| NCBI Official Synonym Full Names | collagen type XVII alpha 1 chain                        |
| NCBI Official Symbol             | COL17A1                                                 |
| NCBI Official Synonym Symbols    | ERED; BP180; BPA-2; BPAG2; LAD-1; BA16H23.2             |
| NCBI Protein Information         | collagen alpha-1(XVII) chain                            |
| UniProt Protein Name             | Collagen alpha-1(XVII) chain                            |
| UniProt Gene Name                | <b>COL17A1</b>                                          |
| UniProt Synonym Gene Names       | BP180; BPAG2; LAD-1; 97 kDa LAD antigen; 97-LAD; LABD97 |

**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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/polyclonal/collagen-type-xvii-col17-antibody-western-blot-immunohistochemistry-immunocytochemistry-elisa/130823>