

## Rabbit anti-Human ADAM10 Polyclonal Antibody | anti-ADAM10 antibody

ADAM10 Antibody

|                               |                       |                            |                                                                 |
|-------------------------------|-----------------------|----------------------------|-----------------------------------------------------------------|
| CATALOG #<br><b>AAA308211</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunocytochemistry, Western Blot, ELISA</b> |
|-------------------------------|-----------------------|----------------------------|-----------------------------------------------------------------|

### PRODUCT SYNONYMS

ADAM10; Polyclonal Antibody; ADAM10 Antibody; KUZ; anti-ADAM10 antibody

### PRODUCT SPECIFICATIONS

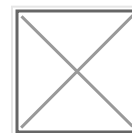
|                                                  |                                                                                                                                                                                                                |
|--------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                                                                                                                                         |
| Reactivity                                       | Human                                                                                                                                                                                                          |
| Clonality                                        | Polyclonal                                                                                                                                                                                                     |
| Purity/Purification                              | Ion exchange chromatography purified                                                                                                                                                                           |
| Form/Format                                      | Supplied in PBS containing 0.02% sodium azide.                                                                                                                                                                 |
| Sequence Length                                  | 748                                                                                                                                                                                                            |
| Applicable Applications for anti-ADAM10 antibody | ICC (Immunocytochemistry), WB (Western Blot), ELISA                                                                                                                                                            |
| Immunogen Type                                   | Peptide                                                                                                                                                                                                        |
| Immunogen Description                            | Raised against a peptide corresponding to amino acids 732 to 748 of human ADAM10. This sequence is identical to those of bovine and rat origins and differs from that of mouse ADAM10 by one amino acid (2,4). |
| Target Name                                      | ADAM10                                                                                                                                                                                                         |
| Preparation and Storage                          | Can be stored at -20 degree C, stable for one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.         |

### IMAGES



#### ICC (Immunocytochemistry)

Immunocytochemistry staining of K562 cells using ADAM10 antibody at 2 ug/mL.



#### WB (Western Blot)

Western blot analysis of ADAM10 in Jurkat whole cell lysate with ADAM10 antibody at (A) 1 and (B) 2 ug/mL.

### ADDITIONAL INFORMATION

#### Related Product Information for anti-ADAM10 antibody

Proinflammatory cytokine tumor necrosis factor-alpha (TNF-a) contributes to a variety of inflammatory responses and programmed cell death. Notch receptor and its ligand participate in cell fate decisions during vertebrate development and are associated with several human disorders, including a T-cell lymphoma. TNF-a, notch and its ligand delta are all membrane-bond molecules, which are cleaved by proteases to release mature proteins or functional receptor. ADAM10, a metalloprotease-disintegrin in the family of mammalian ADAM (for a disintegrin and metalloprotease), was recently identified to cleave TNF-a, notch and its ligand delta. The genes encoding human, mouse, and bovine ADAM10 were recently cloned and designated ADAM 10, kuzbanian (KUZ), and MADM, respectively. ADAM10 mRNA is expressed in a variety of human and bovine tissues.

## NCBI AND UNIPROT INFORMATION

|                                  |                                                                |
|----------------------------------|----------------------------------------------------------------|
| NCBI GI #                        | 4557251                                                        |
| NCBI GeneID                      | 102                                                            |
| NCBI Accession #                 | NP_001101                                                      |
| NCBI GenBank Nucleotide #        | NM_001110.3                                                    |
| Molecular Weight                 | 49,047 Da                                                      |
| NCBI Official Full Name          | disintegrin and metalloproteinase domain-containing protein 10 |
| NCBI Official Synonym Full Names | ADAM metalloproteinase domain 10                               |
| NCBI Official Symbol             | ADAM10                                                         |
| NCBI Official Synonym Symbols    | RAK; kuz; AD10; AD18; MADM; CD156c; HsT18717                   |
| NCBI Protein Information         | disintegrin and metalloproteinase domain-containing protein 10 |
| UniProt Protein Name             | Disintegrin and metalloproteinase domain-containing protein 10 |
| UniProt Gene Name                | <b>ADAM10</b>                                                  |
| UniProt Synonym Gene Names       | KUZ; MADM; ADAM 10                                             |
| UniProt Entry Name               | ADA10_HUMAN                                                    |

**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/adam10-antibody-immunocytochemistry-western-blot-elisa/308211>