

# ADAM17 polyclonal antibody

Catalog # PAB5308      Size 100 ug

## Specification

|                         |                                                                                                                        |
|-------------------------|------------------------------------------------------------------------------------------------------------------------|
| Product Description     | Rabbit polyclonal antibody raised against synthetic peptide of ADAM17.                                                 |
| Immunogen               | A synthetic peptide corresponding to C-terminus of human ADAM17.                                                       |
| Host                    | Rabbit                                                                                                                 |
| Reactivity              | Human                                                                                                                  |
| Form                    | Liquid                                                                                                                 |
| Quality Control Testing | Antibody Reactive Against Synthetic Peptide.                                                                           |
| Recommend Usage         | The optimal working dilution should be determined by the end user.                                                     |
| Storage Buffer          | In PBS, pH 7.2 (50% glycerol, 0.01% sodium azide)                                                                      |
| Storage Instruction     | Store at -20°C.<br>Aliquot to avoid repeated freezing and thawing.                                                     |
| Note                    | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |

## Applications

- Western Blot
- Enzyme-linked Immunoabsorbent Assay

## Gene Info — ADAM17

Entrez GeneID [6868](#)

Gene Name ADAM17

|                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene Alias         | CD156b, MGC71942, TACE, cSVP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Gene Description   | ADAM metallopeptidase domain 17                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Omim ID            | <a href="#">603639</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Gene Ontology      | <a href="#">Hyperlink</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Gene Summary       | This gene encodes a member of the ADAM (a disintegrin and metalloprotease domain) family. Members of this family are membrane-anchored proteins structurally related to snake venom disintegrins, and have been implicated in a variety of biologic processes involving cell-cell and cell-matrix interactions, including fertilization, muscle development, and neurogenesis. The protein encoded by this gene functions as a tumor necrosis factor-alpha converting enzyme; binds mitotic arrest deficient 2 protein; and also plays a prominent role in the activation of the Notch signaling pathway. [provided by RefSeq] |
| Other Designations | TNF-alpha converting enzyme a disintegrin and metalloproteinase domain 17 (tumor necrosis factor, alpha, converting enzyme) snake venom-like protease tumor necrosis factor, alpha, converting enzyme                                                                                                                                                                                                                                                                                                                                                                                                                          |

## Pathway

- [Epithelial cell signaling in Helicobacter pylori infection](#)
- [Notch signaling pathway](#)

## Disease

- [Alzheimer Disease](#)
- [Arthritis](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Cardiovascular Diseases](#)
- [Chronic Disease](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Coronary Artery Disease](#)
- [Crohn Disease](#)

- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Lymphoma](#)
- [Myocardial Infarction](#)
- [Peripheral Vascular Diseases](#)
- [Tobacco Use Disorder](#)
- [Tooth Abnormalities](#)