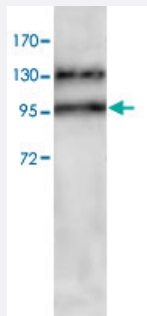


ADAM17 polyclonal antibody

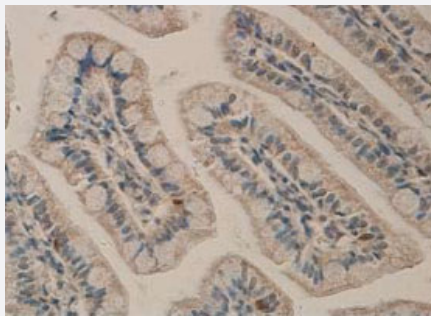
Catalog # PAB18810 Size 100 ug

Applications



Western Blot (Cell lysate)

Western blot analysis of HeLa cell lysate with ADAM17 polyclonal antibody (Cat # PAB18810) at 1 : 200 dilution.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of formalin-fixed paraffin-embedded human small intestine tissue with ADAM17 polyclonal antibody (Cat # PAB18810) at 1 : 100 dilution.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of ADAM17.
Immunogen	A synthetic peptide corresponding to amino acids at C-terminus of human ADAM17.
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Peptide affinity purification

Recommend Usage	ELISA (1:1000-1:10000) Western Blot (1:200-1:1000) Immunohistochemistry (1:100-1:500) The optimal working dilution should be determined by the end user.
Storage Buffer	In buffer containing 0.02% sodium azide
Storage Instruction	Store at 4°C for three months. For long term storage store at -20°C. 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 (Cell lysate)

Western blot analysis of HeLa cell lysate with ADAM17 polyclonal antibody (Cat # PAB18810) at 1 : 200 dilution.

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of formalin-fixed paraffin-embedded human small intestine tissue with ADAM17 polyclonal antibody (Cat # PAB18810) at 1 : 100 dilution.

- 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	603639
Gene Ontology	Hyperlink
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](#)