

ADAM17 (phospho T735) polyclonal antibody

Catalog # PAB31643 Size 100 uL

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of human ADAM17 (phospho T735).
Immunogen	A synthetic peptide corresponding to amino acids 670-750 of human ADAM17 (phospho T735).
Host	Rabbit
Reactivity	Human, Mouse, Rat
Specificity	This antibody detects endogenous levels of ADAM17 protein only when phosphorylated at T735.
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	ELISA (1:20000) Immunohistochemistry (1:100-300) Western Blot (1:500-2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (50% glycerol, 0.5% BSA and 0.02% sodium azide).
Storage Instruction	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
- Immunohistochemistry

- Enzyme-linked Immunoabsorbent Assay

Gene Info — ADAM17

Entrez GeneID	6868
Protein Accession#	P78536
Gene Name	ADAM17
Gene Alias	CD156b, MGC71942, TACE, cSVP
Gene Description	ADAM metalloproteinase 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](#)