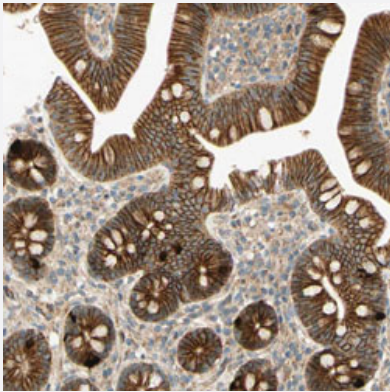


ADAM17 polyclonal antibody

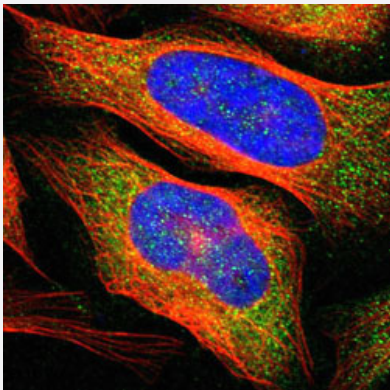
Catalog # PAB29576 Size 100 uL

Applications



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

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human small intestine with ADAM17 polyclonal antibody (Cat # PAB29576) shows membranous and cytoplasmic positivity.



Immunofluorescence

Immunofluorescent staining of U-2 OS cells shows positivity in cytoplasm (green) with ADAM17 polyclonal antibody (Cat # PAB29576) under 1-4 ug/mL working concentration.

Specification

Product Description	Rabbit polyclonal antibody raised against partial recombinant human ADAM17.
Immunogen	Recombinant protein corresponding to amino acids 105-237 of human ADAM17.
Sequence	SEYTVKWQDFFTGHVVGEPDSRVLAHIRDDDVIIIRINTDGAEYNIEPLWRFVNDTKDKRMLVYKSE DIKNVSRLQSPKVCGYLKVDNEELLPKGLVDREPPEELVHRVKRRADPDPMKNTCKLLVVADHR FYR
Host	Rabbit

Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunofluorescence (1-4 ug/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:50-1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)
Storage Instruction	Store at 4°C. 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

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

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- Immunofluorescence

Immunofluorescent staining of U-2 OS cells shows positivity in cytoplasm (green) with ADAM17 polyclonal antibody (Cat # PAB29576) under 1-4 ug/mL working concentration.

Gene Info — ADAM17

Entrez GeneID	6868
Protein Accession#	P78536
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](#)