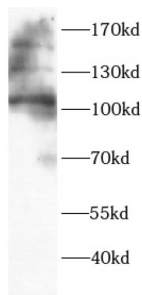
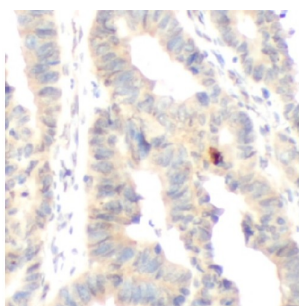


Disintegrin And Metalloproteinase Domain-Containing Protein 17 (ADAM 17) Antibody

Catalogue No.: abx020064



WB analysis of Jurkat cells, using ADAM17 antibody (1/1000 dilution).



IHC-P analysis of human colon cancer tissue, using ADAM17 antibody (1/50 dilution).

Disintegrin And Metalloproteinase Domain-Containing Protein 17 (ADAM 17) Antibody is a Rabbit Polyclonal antibody for the detection of ADAM17.

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 encoded preproprotein is proteolytically processed to generate the mature protease. The encoded protease functions in the ectodomain shedding of tumor necrosis factor- α , in which soluble tumor necrosis factor- α is released from the membrane-bound precursor. This protease also functions in the processing of numerous other substrates, including cell adhesion proteins, cytokine and growth factor receptors and epidermal growth factor (EGF) receptor ligands. The encoded protein also plays a prominent role in the activation of the Notch signaling pathway. Elevated expression of this gene has been observed in specific cell types derived from psoriasis, rheumatoid arthritis, multiple sclerosis and Crohn's disease patients, suggesting that the encoded protein may play a role in autoimmune disease.

Target:	Disintegrin And Metalloproteinase Domain-Containing Protein 17 (ADAM 17)
Clonality:	Polyclonal
Reactivity:	Human, Mouse
Tested Applications:	ELISA, WB, IHC
Host:	Rabbit

Datasheet

Version: 3.0.0
Revision date: 05 Sep 2025



Recommended dilutions:	WB: 1/500 - 1/2000, IHC: 1/50 - 1/200. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	ADAM metallopeptidase domain 17
Isotype:	IgG
Form:	Liquid
Purity:	≥ 95% (SDS-PAGE)
Purification:	Purified by immunogen affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
Validity:	12 months.
UniProt Primary AC:	P78536 (UniProt , ExPASy)
Gene Symbol:	ADAM17
GeneID:	6868
OMIM:	603639
HGNC:	195
KEGG:	hsa:6868
Ensembl:	ENSG00000151694
String:	9606.ENSP00000309968
Enzyme Commission Number:	EC 3.4.24.86
Molecular Weight:	Observed MW: 115 kDa
Buffer:	PBS, pH 7.3, with 0.02% sodium azide and 50% glycerol.
Concentration:	2 mg/ml
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.