antibodies -online.com





anti-ADAM17 antibody (C-Term)

2 Images

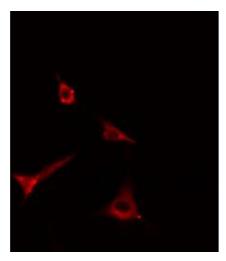


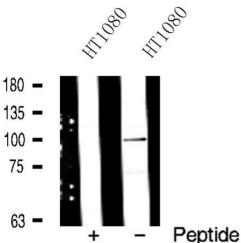
Go to Product page

Overview	
Quantity:	100 μL
Target:	ADAM17
Binding Specificity:	C-Term
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ADAM17 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunocytochemistry (ICC)
Product Details	
Immunogen:	A synthesized peptide derived from human ADAM 17, corresponding to a region within C-terminal amino acids.
Isotype:	IgG
Specificity:	ADAM 17 Antibody detects endogenous levels of total ADAM 17.
Predicted Reactivity:	Bovine,Horse,Sheep,Dog
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink TM Coupling Resin (Thermo Fisher Scientific).
Target Details	
Target:	ADAM17

Target Details

-	
Alternative Name:	ADAM17 (ADAM17 Products)
Background:	Description: Cleaves the membrane-bound precursor of TNF-alpha to its mature soluble form.
	Responsible for the proteolytical release of soluble JAM3 from endothelial cells surface.
	Responsible for the proteolytic release of several other cell-surface proteins, including p75 TNF
	receptor, interleukin 1 receptor type II, p55 TNF-receptor, transforming growth factor-alpha, L-
	selectin, growth hormone receptor, MUC1 and the amyloid precursor protein. Acts as an
	activator of Notch pathway by mediating cleavage of Notch, generating the membrane-
	associated intermediate fragment called Notch extracellular truncation (NEXT). Plays a role in
	the proteolytic processing of ACE2.
	Gene: ADAM17
Molecular Weight:	93 kDa
Gene ID:	6868
UniProt:	P78536
Pathways:	Notch Signaling, EGFR Signaling Pathway, Neurotrophin Signaling Pathway, Response to
	Growth Hormone Stimulus
Application Details	
Application Notes:	WB 1:500-1:1000, IF/ICC 1:100-1:500, ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline, pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 %
	glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which
	should be handled by trained staff only.
Storage:	-20 °C
Expiry Date:	12 months
-	





Immunofluorescence (fixed cells)

Image 1. ABIN6269299 staining Hela cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100,then blocked in 10% serum for 45 minutes at 25°C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37°C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody(Cat.# S0006), diluted at 1/600, was used as secondary antibody.

Western Blotting

Image 2. Western blot analysis of ADAM 17 expression in HT1080 whole cell lysates.