

ADAM17 Polyclonal Antibody

Catalog NumberPA5-16551

Product data sheet

Details		Species Reactivity	
Size	500 µL	Species reactivity	Human, Mouse, Rat
Host/Isotope	Rabbit / IgG	Tested Applications	Dilution *
Class	Polyclonal		
Type	Antibody		
Immunogen	A synthetic peptide from the C-terminus of human TACE protein	Immunoprecipitation (IP)	10 µg/mL
Conjugate	Unconjugated	Western Blot (WB)	5 µg/mL
Form	Liquid	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Concentration	1 mg/mL		
Purification	Protein A		
Storage buffer	PBS, pH 7.4, with 0.2% BSA		
Contains	0.09% sodium azide		
Storage Conditions	4° C		

Product specific information

PA5-16551 targets TNF-alpha converting enzyme in IP and WB applications and shows reactivity with mouse, Rat, and Human samples. The PA5-16551 immunogen is a synthetic peptide from the C-terminus of human TACE protein.

Background/Target Information

ADAM17 (disintegrin and metalloproteinase domain-containing protein 17) cleaves the membrane bound precursor of TNF-alpha to its mature soluble form. ADAM 17 is responsible for the proteolytical release of soluble JAM3 from endothelial cells surface and the proteolytic release of several other cell-surface proteins, including p75 TNF-receptor, interleukin receptor type II, p55 TNF-receptor, transforming growth factor-alpha, L-selectin, growth hormone receptor, MUC1, and the amyloid precursor protein. It acts as an activator of the Notch pathway by mediating cleavage of Notch and generating the membrane-associated intermediate fragment called Notch extracellular truncation (NEXT). Mutations in the gene can result in inflammatory skin and bowel disease, neonatal 1.

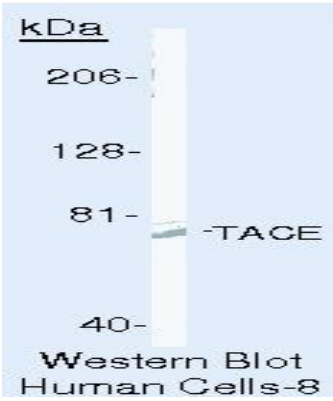
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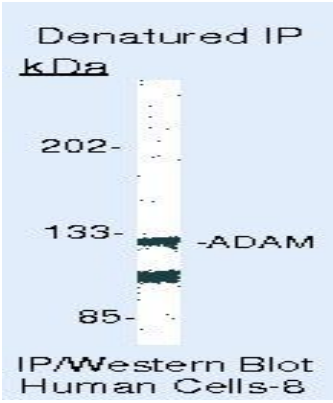
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Product Images For ADAM17 Polyclonal Antibody



ADAM17 Antibody (PA5-16551) in WB
Western blot of TNF-alpha converting enzyme using TNF-alpha converting enzyme Polyclonal Antibody (Product # PA5-16551) on HeLa Cells.



ADAM17 Antibody (PA5-16551) in IP
Immunoprecipitation of TNF-alpha converting enzyme using TNF-alpha converting enzyme Polyclonal Antibody (Product # PA5-16551) on denatured Human HeLa Cells.

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