

Product Name: ADAM10 Rabbit Polyclonal Antibody
Catalog #: APRab00350



Summary

Production Name	ADAM10 Rabbit Polyclonal Antibody
Description	Primary antibody
Host	Rabbit
Application	WB,IP
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Purification	Affinity Purified

Immunogen

Gene Name	ADAM10
Alternative Names	CDw156; CD156c; ADAM10; KUZ; MADM
Gene ID	102
SwissProt ID	O14672

Application

Dilution Ratio	WB: 1/500-1/1000 IP: 1/20
Molecular Weight	Calculated MW: 84 kDa; Observed MW: 90,68 kDa

Background

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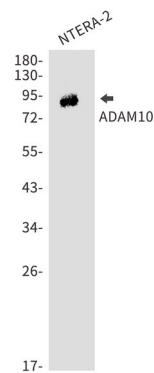


The ADAM10 prodomain acts as a chaperone that stabilizes mature ADAM protein folding, and prevents target-protein shedding through inhibition of ADAM10 proteinase activity. Mature ADAM10 is the major α -secretase responsible for cleavage of Notch, APP, cadherins, and prion protein. The ADAM10 protein cleaves receptor tyrosine kinases and their associated ligands and displays a wide range of regulatory functions across related signaling pathways.

Research Area

Cell Biology

Image Data



Western blot analysis of ADAM10 in NTERA-2 lysates using ADAM10 antibody.

Note

For research use only.