

Anti-ADAM10/ADAM10 Antibody

Catalog Number: PA1535

About ADAM10

ADAM10, A Disintegrin and Metalloproteinase Domain 10, is also known as AD10. ADAM10 is a member of the ADAM family and members of this family are cell surface proteins with a unique structure possessing both potential adhesion and protease function. The ADAM10 gene is mapped to chromosome 15q21.3-q23. ADAM proteins contain an N-terminal signal sequence, followed by a prodomain, a metalloprotease-like domain, a disintegrin-like domain, a cysteine-rich region, an EGF-like repeat, a transmembrane domain, and a C-terminal cytoplasmic tail. Conversion of the membrane-bound precursor to a secreted mature protein is mediated by a protease termed TNFA convertase. ADAM10 possesses TNFA convertase activity.

Overview

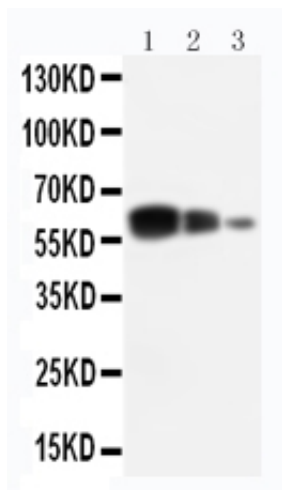
Product Name	Anti-ADAM10/ADAM10 Antibody
Reactive Species	Human
Description	Rabbit IgG polyclonal antibody for Disintegrin and metalloproteinase domain-containing protein 10 (ADAM10) detection. Tested with WB in Human.
Application	WB
Clonality	Polyclonal
Formulation	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg NaN ₃ .
Storage Instructions	At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	O14672

Technical Details

Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human ADAM10(612-627aa SVQWSRHFSGRITLQ).
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Predicted Reactive Species	Monkey
Recommended Detection Systems	Boster recommends Enhanced Chemiluminescent Kit with anti-Rabbit IgG (EK1002) for Western blot.
Cross Reactivity	No cross reactivity with other proteins
Isotype	N/A
Form	Lyophilized
Concentration	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Purification	Immunogen affinity purified.
Suggested Dilutions	Western blot, 0.1-0.5µg/ml, Human
For protocols please visit https://www.bosterbio.com/protocol-and-troubleshooting/	

Anti-ADAM10/ADAM10 Antibody (PA1535) Images



Anti-ADAM10 antibody, PA1535, Western blotting
 Lane 1: Recombinant Human ADAM10 Protein 10ng
 Lane 2: Recombinant Human ADAM10 Protein 5ng
 Lane 3: Recombinant Human ADAM10 Protein 2.5ng

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