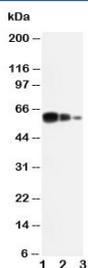


## ADAM10 Antibody (R30611)

| Catalog No. | Formulation   | Size   |
|-------------|---|--------|
| R30611      | 0.5mg/ml if reconstituted with 0.2ml sterile DI water | 100 ug |

[Bulk quote request](#)

|                           |  |
|---------------------------|--|
| <b>Availability</b>       | 1-3 business days  |
| <b>Species Reactivity</b> | Human  |
| <b>Format</b>             | Antigen affinity purified  |
| <b>Host</b>               | Rabbit   |
| <b>Clonality</b>          | Polyclonal (rabbit origin)   |
| <b>Isotype</b>            | Rabbit IgG   |
| <b>Purity</b>             | Antigen affinity   |
| <b>Buffer</b>             | Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide/thimerosal |
| <b>UniProt</b>            | O14672   |
| <b>Applications</b>       | Western Blot : 0.5-1ug/ml  |
| <b>Limitations</b>        | This ADAM10 antibody is available for research use only.                 |



Western blot testing of ADAM10 antibody and Lane 1: recombinant human protein 10ng; 2: 5ng; 3: 2.5ng

## Description

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 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.

## Application Notes

The stated application concentrations are suggested starting amounts. Titration of the ADAM10 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

An amino acid sequence from the C-terminus of human ADAM10 (SVQWSRHFSGRTITLQ) was used as the immunogen for this ADAM10 antibody.

## Storage

After reconstitution, the ADAM10 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.