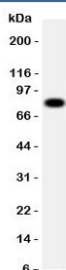


## ADAM2 Antibody (R31180)

| Catalog No. | Formulation   | Size   |
|-------------|---|--------|
| R31180      | 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>            | Q99965   |
| <b>Applications</b>       | Western Blot : 0.5-1ug/ml  |
| <b>Limitations</b>        | This ADAM2 antibody is available for research use only.                  |



Western blot testing of ADAM2 antibody in human SMMC-7721 cell lysate. Predicted molecular weight ~82 kDa, but can be observed at ~100 kDa.

## Description

A Disintegrin and Metalloproteinase Domain 2, also known as FTNB or PH30, is an enzyme that in humans is encoded by the ADAM2 gene. This gene encodes a member of the ADAM family. Members of this family are membrane-anchored proteins structurally related to snake venom disintegrins, and have been implicated in a variety of biological processes involving cell-cell and cell-matrix interactions, including fertilization, muscle development, and neurogenesis. This member is a subunit of an integral sperm membrane glycoprotein called fertilin, which plays an important role in sperm-egg interactions. Burkin et al.(1997) used fluorescence in situ hybridization to map the FTNB gene to 8p11.2.

## Application Notes

The stated application concentrations are suggested starting amounts. Titration of the ADAM2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

An amino acid sequence from the C-terminus of human A Disintegrin and Metalloproteinase Domain 2 (VLIAIMVKVNFQRKK) was used as the immunogen for this ADAM2 antibody.

## Storage

After reconstitution, the ADAM2 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.