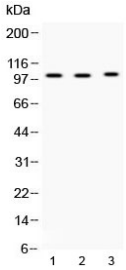
ADAM2 Antibody (R32785)

Catalog No.	Formulation	Size
R32785	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA, 0.025% sodium azide
UniProt	Q99965
Applications	WB: 0.5-1ug/ml
Limitations	This ADAM2 antibody is available for research use only.



Western blot testing of 1) rat testis, 2) mouse testis and 3) MCF7 lysate with ADAM2 antibody at 0.5ug/ml. Predicted molecular weight ~82 kDa, but can be observed at ~100 kDa.

Description

ADAM2 (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 (a disintegrin and metalloprotease domain) 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. This gene is mapped to 8p11.2.

Application Notes

Optimal dilution of the ADAM2 antibody should be determined by the researcher.

Immunogen

Amino acids 231-274 (WIDENKIATTGEANELLHTFLRWKTSYLVLRPHDVAFLLVYREK) from the human protein were used as the immunogen for the ADAM2 antibody.

Storage

After reconstitution, the ADAM2 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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