

## Product datasheet for **TA335864**

### ADAM2 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for Anti-ADAM2 Antibody: synthetic peptide directed towards the middle region of human ADAM2. Synthetic peptide located within the following region: PHDVAFLLYREKSNYYVGATFQGKMC DANYAGGVV LHPRTISLES LAVIL
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	81 kDa
Gene Name:	ADAM metallopeptidase domain 2
Database Link:	<a href="#">NP_001455</a> <a href="#">Entrez Gene 2515 Human</a> <a href="#">Q99965</a>



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**Background:**

ADAM2 is 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. ADAM2 is a subunit of an integral sperm membrane glycoprotein called fertilin, which plays an important role in sperm-egg interactions. 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.

**Synonyms:**

CRYN1; CRYN2; CT15; FTNB; PH-30b; PH30; PH30-beta

**Note:**

Immunogen Sequence Homology: Human: 100%

**Protein Families:**

Druggable Genome, Protease, Transmembrane

**Product images:**

WB Suggested Anti-ADAM2 Antibody Titration:  
0.2-1 ug/ml; Positive Control: 721\_B cell lysate