

#### OriGene Technologies, Inc.

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# Product datasheet for TA335864

## ADAM2 Rabbit Polyclonal Antibody

## **Product data:**

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
lsotype:	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: PHDVAFLLVYREKSNYVGATFQGKMCDANYAGGVVLHPRTISLESLAVIL
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. Note that this product is shipped as lyophilized powder to China customers.
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:	<u>NP_001455</u> <u>Entrez Gene 2515 Human</u> <u>Q99965</u>



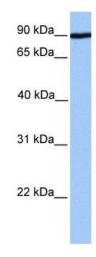
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### **GRIGENE** ADAM2 Rabbit Polyclonal Antibody – TA335864

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 membraneanchored 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-betaNote: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

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