



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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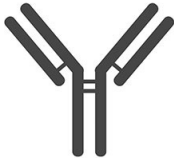
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Product Number	ARP53589_P050-Biotin
Product Page	<a href="http://www.avivasysbio.com/adam2-antibody-middle-region-biotin-arp53589-p050-biotin.html">www.avivasysbio.com/adam2-antibody-middle-region-biotin-arp53589-p050-biotin.html</a>
Name	ADAM2 Antibody - middle region : Biotin (ARP53589_P050-Biotin)
Protein Size (# AA)	735 amino acids
Molecular Weight	81kDa
Conjugation	Biotin
NCBI Gene Id	2515
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	ADAM metallopeptidase domain 2
Alias Symbols	CT15, FTNB, PH30, CRYN1, CRYN2, PH-30b, PH30-beta
Peptide Sequence	Synthetic peptide located within the following region: <a href="#">PHDVAFLLYREKSNYVGATFQGKMCDANYAGGVVLHPRITISLESILAVIL</a>
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Eto,K., (2002) J. Biol. Chem. 277 (20), 17804-17810
Description of Target	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.
Protein Interactions	DNM1; CRYAB; CLGN; CD9;
Reconstitution and Storage	All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding.
Datasheets/Manuals	Printable datasheet for <a href="#">anti-ADAM2 (ARP53589_P050-Biotin) antibody</a>
Blocking Peptide	For anti-ADAM2 (ARP53589_P050-Biotin) antibody is <a href="#">Catalog # AAP53589</a> (Previous Catalog # AAP533005)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human ADAM2
Uniprot ID	<a href="#">Q99965</a>
Protein Name	Disintegrin and metalloproteinase domain-containing protein 2
Protein Accession #	<a href="#">NP_001455</a>
Purification	Affinity Purified
Nucleotide Accession #	<a href="#">NM_001464</a>
Gene Symbol	<a href="#">ADAM2</a>
Predicted Species Reactivity	Human
Application	WB

<b>Predicted Homology Based on Immunogen Sequence</b>	Human: 100%
<b>Image 1</b>	

AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.  
Optimal conditions of its use should be determined by end users.

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