

Rabbit SEMG2 Polyclonal Antibody | anti-SEMG2 antibody

SEMG2 Polyclonal Antibody

CATALOG # AAA280942	HOST Rabbit	APPLICATIONS Western Blot
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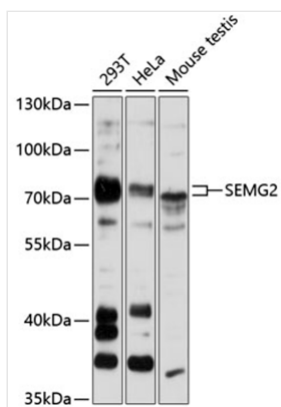
PRODUCT SYNONYMS

SEMG2; Polyclonal Antibody; SEMG2 Polyclonal Antibody; SGII; anti-SEMG2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Sequence Length	582
Applicable Applications for anti-SEMG2 antibody	WB (Western Blot)
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 383-582 of human SEMG2 (NP_002999.1).
Cross Reactivity	Human, Mouse
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using SEMG2 antibody at 1:3000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.

ADDITIONAL INFORMATION

Related Product Information for anti-SEMG2 antibody	The secreted protein encoded by this gene is involved in the formation of a gel matrix that encases ejaculated spermatozoa. Proteolysis by the prostate-specific antigen (PSA) breaks down the gel matrix and allows the spermatozoa to move more freely. The encoded protein is found in lesser abundance than a similar semenogelin protein. An antibacterial activity has been found for an antimicrobial peptide isolated from this protein. The genes encoding these two semenogelin proteins are found in a cluster on chromosome 20.
Product Categories/Family for anti-SEMG2 antibody	Primary antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	401079
NCBI GeneID	6407
UniProt Accession #	Q02383; Q53ZU2; Q6X2M5; Q6X2M6
Molecular Weight	Observed MW: 75 kDa Calculated MW: 65 kDa
NCBI Official Full Name	Semenogelin-2
NCBI Official Synonym Full Names	semenogelin II
NCBI Official Symbol	SEMG2
NCBI Official Synonym Symbols	SGII
NCBI Protein Information	semenogelin-2
UniProt Protein Name	Semenogelin-2
UniProt Gene Name	SEMG2
UniProt Synonym Gene Names	SGII

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/semg2-antibody-western-blot-elisa/280942>