

## Rabbit anti-Human, Mouse Semenogelin-1 Polyclonal Antibody | anti-SEMG1 antibody

Rabbit anti-human Semenogelin-1 polyclonal Antibody(SEMG1)

|                               |                       |                                   |                                            |
|-------------------------------|-----------------------|-----------------------------------|--------------------------------------------|
| CATALOG #<br><b>AAA114187</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse</b> | APPLICATIONS<br><b>Western Blot, ELISA</b> |
|-------------------------------|-----------------------|-----------------------------------|--------------------------------------------|

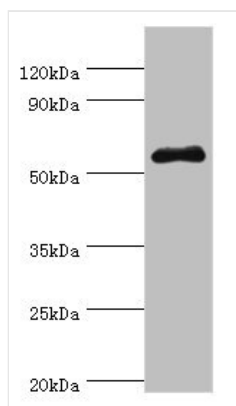
### PRODUCT SYNONYMS

Semenogelin-1; Polyclonal Antibody; Rabbit anti-human Semenogelin-1 polyclonal Antibody(SEMG1); Semenogelin-1 (Cancer/testis antigen 103) (Semenogelin I) (SGI) [Cleaved into: Alpha-inhibin-92; Alpha-inhibin-31; Seminal basic protein]; SEMG1; SEMG; anti-SEMG1 antibody

### PRODUCT SPECIFICATIONS

|                                                 |                                                               |
|-------------------------------------------------|---------------------------------------------------------------|
| Host                                            | Rabbit                                                        |
| Reactivity                                      | Human, Mouse                                                  |
| Clonality                                       | Polyclonal                                                    |
| Isotype                                         | IgG                                                           |
| Purity/Purification                             | Antigen Affinity Purified                                     |
| Form/Format                                     | Liquid                                                        |
| Applicable Applications for anti-SEMG1 antibody | WB (Western Blot), ELISA                                      |
| Immunogen                                       | Recombinant Human Semenogelin-1 protein (24-310AA)            |
| Storage Buffer                                  | PBS with 0.02% sodium azide, 50% glycerol, pH7.3.             |
| Immunogen Species                               | Homo sapiens (Human)                                          |
| Research Area                                   | Cell Biology                                                  |
| Target Names                                    | SEMG1                                                         |
| Preparation and Storage                         | Upon receipt, store at -20°C or -80°C. Avoid repeated freeze. |

### IMAGES



#### WB (Western Blot)

Western blotAll lanes: SEMG1 antibody at 4ug/ml+mouse gonad tissueSecondaryGoat polyclonal to rabbit at 1/10000 dilutionPredicted band size: 53,46 kDaObserved band size: 52 kDa

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-SEMG1 antibody | Predominant protein in semen. It participates in the formation of a gel matrix entrapping the accessory gland secretions and ejaculated spermatozoa. Fragments of semenogelin and/or fragments of the related proteins may contribute to the activation of progressive sperm movements as the gel-forming proteins are fragmented by KLK3/PSA. Alpha-inhibin-92 and alpha-inhibin-31, derived from the proteolytic degradation of semenogelin, inhibit the secretion of pituitary follicle-stimulating hormone. <sup>1</sup> Publication |
|-----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                |
|----------------------------------|--------------------------------------------------------------------------------|
| NCBI GI #                        | 4506883                                                                        |
| NCBI GeneID                      | 6406                                                                           |
| NCBI Accession #                 | NP_002998.1                                                                    |
| NCBI GenBank Nucleotide #        | NM_003007.3                                                                    |
| UniProt Accession #              | P04279; Q53ZV0; Q53ZV1; Q53ZV2; Q6X4I9; Q6Y809; Q6Y822; Q6Y823; Q86U64; Q96QM3 |
| NCBI Official Full Name          | semenogelin-1 preproprotein                                                    |
| NCBI Official Synonym Full Names | semenogelin I                                                                  |
| NCBI Official Symbol             | SEMG1                                                                          |
| NCBI Official Synonym Symbols    | SGI; SEMG; CT103; dJ172H20.2                                                   |
| NCBI Protein Information         | semenogelin-1                                                                  |
| UniProt Protein Name             | Semenogelin-1                                                                  |
| UniProt Gene Name                | <b>SEMG1</b>                                                                   |
| UniProt Synonym Gene Names       | SEMG; SGI                                                                      |
| UniProt Entry Name               | SEMG1_HUMAN                                                                    |

**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://www.aaabiotech.com/polyclonal/semenogelin-1-antibody-western-blot-elisa/114187>