

**SEMG1 antibody - N-terminal region**  
**Rabbit Polyclonal Antibody**  
**Catalog # AI11975****Specification**

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**SEMG1 antibody - N-terminal region - Product Information**

Application	IHC, WB
Primary Accession	<a href="#">P04279</a>
Other Accession	<a href="#">NM_003007</a> , <a href="#">NP_002998</a>
Reactivity	Human, Pig
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	51kDa KDa

**SEMG1 antibody - N-terminal region - Additional Information****Gene ID** 6406**Alias Symbol** MGC14719, SEMG, SGI, CT103, dj172H20.2**Other Names**

Semenogelin-1, Semenogelin I, SGI, Alpha-inhibin-92, Alpha-inhibin-31, Seminal basic protein, SEMG1, SEMG

**Format**

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

**Reconstitution & Storage**

Add 100 ul of distilled water. Final anti-SEMG1 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

**Precautions**

SEMG1 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

**SEMG1 antibody - N-terminal region - Protein Information****Name** SEMG1**Synonyms** SEMG**Function**

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.

**Cellular Location**

Secreted.

**Tissue Location**

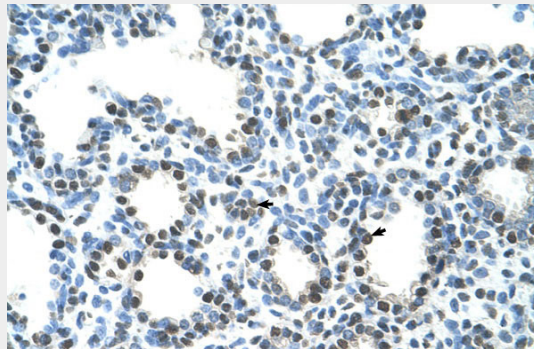
Seminal vesicle.

**SEMG1 antibody - N-terminal region - Protocols**

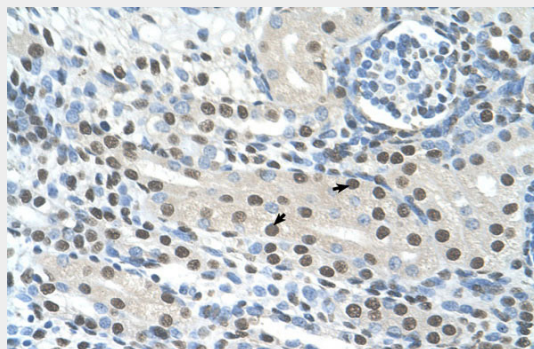
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

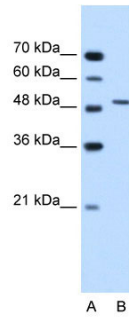
**SEMG1 antibody - N-terminal region - Images**



Rabbit Anti-SEMG1 Antibody  
Paraffin Embedded Tissue: Human Lung  
Cellular Data: Alveolar cells  
Antibody Concentration: 4.0-8.0  $\mu\text{g/ml}$   
Magnification: 400X



Rabbit Anti-SEMG1 Antibody  
Paraffin Embedded Tissue: Human Kidney  
Cellular Data: Epithelial cells of renal tubule  
Antibody Concentration: 4.0-8.0  $\mu\text{g/ml}$   
Magnification: 400X



WB Suggested Anti-SEMG1 Antibody Titration: 1.25 $\mu$ g/ml  
Positive Control: Jurkat cell lysate

### **SEMG1 antibody - N-terminal region - References**

Hienonen, T., (2005) Cancer Res. 65 (11), 4607-4613 Reconstitution and Storage: For short term use, store at 2-8C up to 1 week. For long term storage, store at -20C in small aliquots to prevent freeze-thaw cycles.