

PACO44141

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## Product Information

**Size:**

50ul

**Reactivity:**

Human, Mouse

**Source:**

Rabbit

**Isotype:**

IgG

**Applications:**

ELISA, WB

**Recommended dilutions:**

ELISA:1:2000-1:10000, WB:1:200-1:1000

**Protein Background:**

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.

**Gene ID:**

SEMG1

**Uniprot**

P04279

**Synonyms:**

Semenogelin-1 (Cancer/testis antigen 103) (Semenogelin I) (SGI) [Cleaved into: Alpha-inhibin-92; Alpha-inhibin-31; Seminal basic protein], SEMG1, SEMG

**Immunogen:**

Recombinant Human Semenogelin-1 protein (24-310AA).

**Storage:**

PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Product Images

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Western blot. All lanes: SEMG1 antibody at 4 $\mu$ g/ml + Mouse gonad tissue. Secondary. Goat polyclonal to rabbit IgG at 1/10000 dilution. Predicted band size: 53, 46 kDa. Observed band size: 53 kDa.