

## SEMG1

---

**Reactivity:**Human Mouse

**Tested applications:**WB IHC

**Recommended Dilution:**WB 1:500 - 1:2000 IHC 1:50 - 1:200

**Calculated MW:**52kDa

**Observed MW:**Refer to Figures

**Immunogen:**

Recombinant protein of human SEMG1

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

SGL; SEMG; CT103; dJ172H20.2;

**Catalog #:**A5487

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**6406

**Isotype:**IgG

**Swiss Prot:**P04279

**Purity:**Affinity purification

For research use only.

**Background:**

The protein encoded by this gene is the predominant protein in semen. The encoded secreted protein is involved in the formation of a gel matrix that encases ejaculated spermatozoa. The prostate-specific antigen (PSA) protease processes this protein into smaller peptides, with each possibly having a separate function. The proteolysis process breaks down the gel matrix and allows the spermatozoa to move more freely.

*To place an order, please [Click HERE](#).*