

## **Product datasheet for TA346338**

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### Semenogelin I (SEMG1) Rabbit Polyclonal Antibody

#### **Product data:**

**Product Type:** Primary Antibodies

Applications: WB

Recommended Dilution: WB

Reactivity: Human

**Host:** Rabbit

**Isotype:** IgG

Clonality: Polyclonal

**Immunogen:** The immunogen for anti-SEMG1 antibody: synthetic peptide directed towards the middle

region of human SEMG1. Synthetic peptide located within the following region:

KDIFSTQDELLVYNKNQHQTKNLNQDQQHGRKANKISYQSSSTEERRLHY

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

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

**Purification:** Affinity Purified

Conjugation: Unconjugated

**Store** at -20°C as received.

**Stability:** Stable for 12 months from date of receipt.

Predicted Protein Size: 40 kDa

Gene Name: semenogelin I

Database Link: NP 937782

Entrez Gene 6406 Human

P04279

**Background:** SEMG1 is the predominant protein in semen. The 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

Synonyms: CT103; MGC14719; RATSVPIIA; secretion 2; semenogelin I; SEMG; seminal vesicle protein;

seminal vesicle secretory protein 2; SGI; SVPIIA; Svs2; Svs2p2

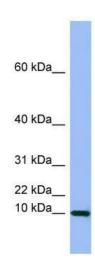
Note: Immunogen Sequence Homology: Human: 100%; Pig: 86%





**Protein Families:** Secreted Protein

# **Product images:**



WB Suggested Anti-SEMG1 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1: 312500; Positive Control: COLO205 cell lysate.SEMG1 is supported by BioGPS gene expression data to be expressed in COLO205