

## Product datasheet for **TA346338**

### 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. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	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:	<a href="#">NP_937782</a> <a href="#">Entrez Gene 6406 Human</a> <a href="#">P04279</a>
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; RATSVP1IA; 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%



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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