

## Product datasheet for **TA331773**

### SEMA4A 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-SEMA4A Antibody: synthetic peptide directed towards the N terminal of human SEMA4A. Synthetic peptide located within the following region: PSTQVYFFFEETASEFDFFERLHTRVARVCKNDVGGKLLQKKWTTFL
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>
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	84 kDa
Gene Name:	semaphorin 4A
Database Link:	<a href="#">NP_071762</a> <a href="#">Entrez Gene 64218 Human</a> <a href="#">Q9H3S1</a>
Background:	SEMA4A is a member of the semaphorin family of soluble and transmembrane proteins. Semaphorins are involved in guidance of axonal migration during neuronal development and in immune responses.
Synonyms:	CORD10; RP35; SEMAB; SEMB
Note:	Immunogen sequence homology: Human: 100%; Mouse: 100%; Rabbit: 93%; Pig: 91%; Dog: 86%; Rat: 86%; Horse: 86%; Guinea pig: 86%
Protein Families:	Transmembrane



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Protein Pathways: Axon guidance

### Product images:



WB Suggested Anti-SEMA4A Antibody Titration:  
1.25ug/ml; ELISA Titer: 1: 312500; Positive  
Control: Jurkat cell lysate