

Product Datasheet

Semaphorin 3E Antibody NB100-55417

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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Updated 10/23/2024 v.20.1

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NB100-55417**Semaphorin 3E Antibody**

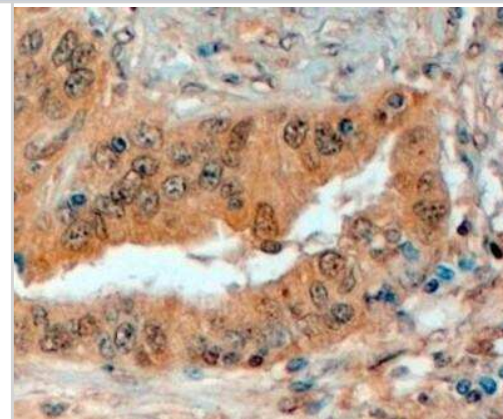
Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

Product Description	
Host	Goat
Gene ID	9723
Gene Symbol	SEMA3E
Species	Human
Specificity/Sensitivity	This antibody is expected to recognise both reported isoforms (NP_036563.1; NP_001171600.1).
Immunogen	Peptide with sequence C-NGGRYGTTKDYPDD corresponding to internal region according to NP_036563.1, NP_001171600.1.

Product Application Details	
Applications	Immunohistochemistry, Immunohistochemistry-Paraffin, Peptide ELISA
Recommended Dilutions	Immunohistochemistry 4 - 6 ug/ml, Immunohistochemistry-Paraffin 1:200, Peptide ELISA Detection limit 1:128000
Application Notes	WB: Preliminary experiments gave an approx. 35 kDa band in human prostate lysates after 0.03 ug/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 89.2 kDa band according to NP_036563.1. The 35 kDa band was successfully blocked by incubation with the immunizing peptide. IHC-P: Human prostate shows membranous staining of secretory cells in the gland.

Images

Immunohistochemistry-Paraffin: Semaphorin 3E Antibody [NB100-55417] - Staining of paraffin embedded Human Prostate. Steamed antigen retrieval with citrate buffer pH 6, HRP-staining.



Publications

Gu C, Yoshida Y, Livet J et al. Semaphorin 3E and plexin-D1 control vascular pattern independently of neuropilins. Science 2005-01-14 [PMID: 15550623]





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Products Related to NB100-55417

HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control
NBP2-55853PEP	Semaphorin 3E Recombinant Protein Antigen

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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