

Datasheet for ABIN2783807
anti-SEMA6A antibody (Middle Region)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	SEMA6A
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Cow, Dog, Rabbit, Guinea Pig, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SEMA6A antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human SEMA6A
Sequence:	ERVPKPRPGC CAGSSSLERY ATSNEFPDDT LNFIKTHPLM DEAVPSIFNR
Predicted Reactivity:	Cow: 86%, Dog: 86%, Guinea Pig: 93%, Horse: 93%, Human: 100%, Mouse: 93%, Rabbit: 86%, Rat: 93%
Characteristics:	This is a rabbit polyclonal antibody against SEMA6A. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	SEMA6A
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Target Details

Alternative Name:	SEMA6A (SEMA6A Products)
Background:	<p>SEMA6A can act as repulsive axon guidance cues. SEMA6A may play a role in channeling sympathetic axons into the sympathetic chains and controlling the temporal sequence of sympathetic target innervation.</p> <p>Alias Symbols: HT018, KIAA1368, SEMA, SEMA6A1, SEMAQ, VIA, sema VIa</p> <p>Protein Interaction Partner: SUMO1, SH3RF1, ITSN2, SORBS1, SORBS2, EVL,</p> <p>Protein Size: 1030</p>
Molecular Weight:	114 kDa
Gene ID:	57556
NCBI Accession:	NM_020796 , NP_065847
UniProt:	Q9H2E6

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 1030 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



Western Blotting

Image 1. WB Suggested Anti-SEMA6A Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: OVCAR-3 cell lysate SEMA6A is supported by BioGPS gene expression data to be expressed in OVCAR3

Western Blotting

Image 2. WB Suggested Anti-SEMA6A Antibody Titration: 0.2-1 μ g/mL ELISA Titer: 1::12500 Positive Control: OVCAR-3 cell lysate SEMA6A is supported by BioGPS gene expression data to be expressed in OVCAR3