

Rabbit anti-Human, Rat SEMA4B Polyclonal Antibody | anti-SEMA4B antibody

SEMA4B Antibody

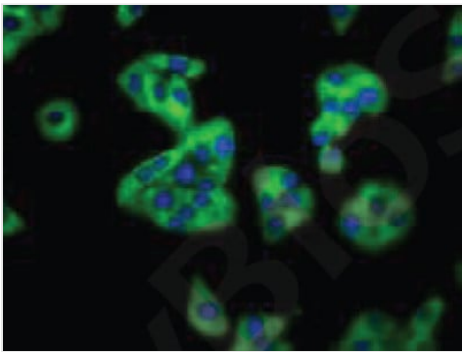
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA234178	Rabbit	Human, Rat	Immunohistochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

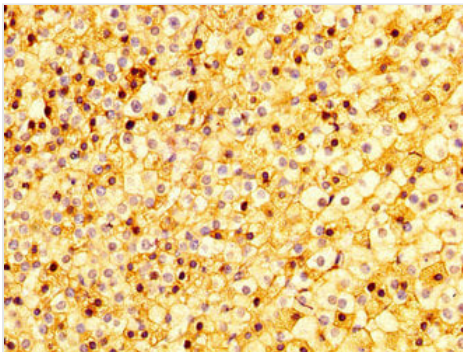
SEMA4B; Polyclonal Antibody; SEMA4B Antibody; Semaphorin-4B; KIAA1745; SEMAC; UNQ749/PRO1480; anti-SEMA4B antibody

PRODUCT SPECIFICATIONS

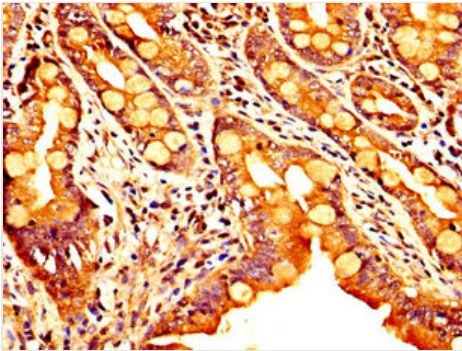
Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	837
Applicable Applications for anti-SEMA4B antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human Semaphorin-4B protein (163-253AA)
Immunogen Species	Homo sapiens (Human)
Research Area	Others
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.



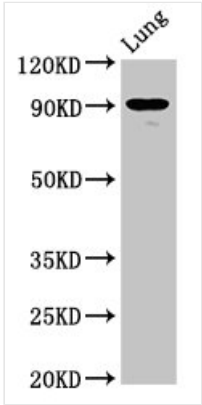
IF (Immunofluorescence)
Immunofluorescence staining of HepG2 cells with AAA234178 at 1:100, counter- stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



IHC (Immunohistochemisry)
IHC image of AAA234178 diluted at 1:300 and staining in paraffin-embedded human adrenal gland tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



IHC (Immunohiostchemistry)
IHC image of AAA234178 diluted at 1:300 and staining in paraffin-embedded human small intestine tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



WB (Western Blot)
Western BlotPositive WB detected in: Rat luing tissueAll lanes: SEMA4B antibody at 6.3ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 93, 82 KDaObserved band size: 93 KDa

NCBI AND UNIPROT INFORMATION

NCBI GI #	39777608
NCBI GeneID	10509
NCBI Accession #	NP_064595.2
NCBI GenBank Nucleotide #	NM_020210.3
UniProt Accession #	Q9NPR2; Q6UXE3; Q8WVP9; Q96FK5; Q9C0B8; Q9H691; Q9NPM8; Q9NPN0
NCBI Official Full Name	semaphorin-4B isoform 1
NCBI Official Synonym Full Names	semaphorin 4B
NCBI Official Symbol	SEMA4B
NCBI Official Synonym Symbols	SemC; SEMAC
NCBI Protein Information	semaphorin-4B
UniProt Protein Name	Semaphorin-4B
UniProt Gene Name	SEMA4B

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/sema4b-antibody-immunohistochemistry-western-blot-elisa/234178>