

For Research Use Only

SEMA4G Polyclonal antibody, PBS Only

Catalog Number:12279-1-PBS



Basic Information

Catalog Number:

12279-1-PBS

Size:

100ug , Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG2928

GenBank Accession Number:

BC020960

GeneID (NCBI):

57715

UNIPROT ID:

Q9NTN9

Full Name:

sema domain, immunoglobulin domain (Ig), transmembrane domain (TM) and short cytoplasmic domain, (semaphorin) 4G

Calculated MW:

91 kDa

Observed MW:

105 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human

Background Information

Semaphorins constitute a large and growing gene family, several members of which are axon guidance molecules. SEMA4G, a novel class IV member of the semaphorin gene family, located on mouse chromosome 19. SEMA4G is expressed early in development in the brain, spinal cord, and several sensory organs as well as specific populations of projection neurons, compatible with the well-established function of semaphorins as axon guidance molecules.

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only, pH7.3

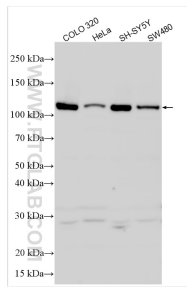
For technical support and original validation data for this product please contact:

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 12279-1-AP (SEMA4G antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 12279-1-PBS in a different storage buffer formulation.