# SEMA6A Conjugated Antibody

Catalog No: #C37906

Package Size: #C37906-AF350 100ul #C37906-AF405 100ul #C37906-AF488 100ul #C37906-AF555 100ul #C37906-AF594 100ul #C37906-AF647 100ul #C37906-AF680 100ul #C37906-AF750 100ul #C37906-Biotin 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

## Description

| | |
|---|---|
| Product Name | SEMA6A Conjugated Antibody |
| Host Species | Rabbit |
| Clonality | Polyclonal |
| Species Reactivity | Hu Ms |
| Specificity | The antibody detects endogenous levels of total SEMA6A protein. |
| Immunogen Description | Synthetic peptide corresponding to a region derived from internal residues of human sema domain, transmembrane domain (TM), and cytoplasmic domain, (semaphorin) 6A |
| Conjugates | Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750 |
| Other Names | VIA; SEMA; HT018; SEMAQ; SEMA6A1 |
| Accession No. | Swiss-Prot#:Q9H2E6NCBI Gene ID:57556NCBI Protein#:NP_065184 /Q9NZV5 |
| Uniprot | Q9H2E6 |
| GeneID | 57556; |
| Excitation Emission | AF350: 346nm/442nm<br>AF405: 401nm/421nm<br>AF488: 493nm/519nm<br>AF555: 555nm/565nm<br>AF594: 591nm/614nm<br>AF647: 651nm/667nm<br>AF680: 679nm/702nm<br>AF750: 749nm/775nm |
| Formulation | 0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide |
| Storage | Store at 4°C in dark for 6 months |

## Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

## Background

The transmembrane semaphorin SEMA6A is expressed in developing neural tissue and is required for proper development of the thalamocortical projection. Cell surface receptor for PLXNA2 that plays an important role in cell-cell signaling. Required for normal granule cell migration in the developing cerebellum. Promotes reorganization of the actin cytoskeleton and plays an important role in axon guidance in the developing central nervous system.

Note: This product is for in vitro research use only