



SEM6A Monoclonal Antibody

Catalog No	YP-mAb-07192
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	SEMA6A KIAA1368 SEMAQ
Immunogen	Synthesized peptide derived from human protein . at AA range: 430-510
Specificity	SEM6A Monoclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	HT18;SEMA;SEMA6A1;SEMAQ;VIA;A732P5Rik;Sema6A-1;SEM6A_HUMAN;SEMA6A;Semaphorin VIA (Sema VIA);Semaphorin-6A-1 (SEMA6A-1);KIAA1368;SEM6A_MOUSE;Semaphorin Q (Sema Q);SEM6A;SEMA6A KIAA1368 SEMAQ;Semaphorin-6A (Semaphorin VIA) (Sema VIA) (Semaphorin-6A-1) (SEMA6A-1)
Observed Band	113kD
Calculated Molecular Weight	111 kDa
Cell Pathway	Cell membrane ; Single-pass type I membrane protein .
Tissue Specificity	Brain,Hypothalamus,Placenta,
Function	function:Can act as repulsive axon guidance cues. May play a role in channeling sympathetic axons into the sympathetic chains and controlling the temporal sequence of sympathetic target innervation.,similarity:Belongs to the semaphorin family.,similarity:Contains 1 PSI domain.,similarity:Contains 1 Sema domain.,subunit:Active as a homodimer or oligomer. Interacts with EVL.,
Background	The transmembrane semaphorin SEMA6A is expressed in developing neural tissue and is required for proper development of the thalamocortical projection (Leighton et al., 2001 [PubMed 11242070]).[supplied by OMIM, Feb 2011],

**matters needing attention**

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images