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Anti-Semaphorin 4C Antibody

Catalog # AP61124

Product Information

Application	WB
Primary Accession	Q9C0C4
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	92623

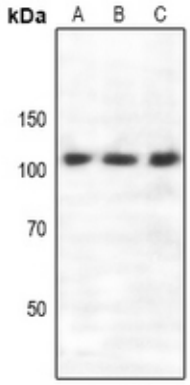
Additional Information

Gene ID	54910
Other Names	KIAA1739; SEMAI; Semaphorin-4C
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Semaphorin 4C. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000)
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name	SEMA4C
Synonyms	KIAA1739, SEMAI
Function	Cell surface receptor for PLXNB2 that plays an important role in cell-cell signaling. PLXNB2 binding promotes downstream activation of RHOA and phosphorylation of ERBB2 at 'Tyr-1248'. Required for normal brain development, axon guidance and cell migration (By similarity). Probable signaling receptor which may play a role in myogenic differentiation through activation of the stress-activated MAPK cascade.
Cellular Location	Postsynaptic density membrane; Single-pass type I membrane protein. Cytoplasmic vesicle, secretory vesicle, synaptic vesicle membrane; Single-pass type I membrane protein

Images



Western blot analysis of Semaphorin 4C expression in A549 (A), mouse brain (B), rat brain (C) whole cell lysates. (Predicted band size: 92 kD; Observed band size: 110 kD)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.