



AMGO1 Polyclonal Antibody

Catalog No	YP-Ab-07233
Isotype	IgG
Reactivity	Human;Rat;Mouse
Applications	WB;ELISA
Gene Name	AMIGO1 ALI2 AMIGO KIAA1163
Immunogen	Synthesized peptide derived from human protein . at AA range: 120-200
Specificity	AMGO1 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	ALI2;AMIGO;AMIGO-1;AMGO1_HUMAN;AMIGO1;Alivin-2;KIAA1163;AMGO1_MOUSE;AMGO1_RAT;AMGO1;AMIGO1 ALI2 AMIGO KIAA1163;Amphoterin-induced protein 1 (AMIGO-1) (Alivin-2)
Observed Band	52 kDa
Calculated Molecular Weight	52 kDa
Cell Pathway	Cell membrane ; Single-pass type I membrane protein . Perikaryon . Cell projection, dendrite . Cell projection, axon . Colocalizes with KCNB1 at high-density somatodendritic clusters on the surface of hippocampal and cortical neurons. Associated with axons of neuronal cells. .
Tissue Specificity	Brain,Hippocampus,Monocytic leukemia,Ovary,
Function	function:Promotes growth and fasciculation of neurites from cultured hippocampal neurons. May be involved in fasciculation as well as myelination of developing neural axons. May have a role in regeneration as well as neural plasticity in the adult nervous system. May mediate homophilic as well as heterophilic cell-cell interaction and contribute to signal transduction through its intracellular domain.,similarity:Belongs to the immunoglobulin superfamily. AMIGO family.,similarity:Contains 1 Ig-like C2-type (immunoglobulin-like) domain.,similarity:Contains 6 LRR (leucine-rich) repeats.,subcellular

location:Associated with axons of neuronal cells.,subunit:Binds itself as well as AMIGO2 and AMIGO3.,

Background

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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