

Anti-AMGO1 antibody



Description	Unconjugated Rabbit polyclonal to AMGO1
Model	STJ192478
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	ELISA, WB
Immunogen	Synthesized peptide derived from human AMGO1 protein.
Immunogen Region	120-200aa
Gene ID	57463
Gene Symbol	AMIGO1
Dilution range	WB 1:500-2000 ELISA 1:5000-20000
Specificity	AMGO1 Polyclonal Antibody detects endogenous levels of protein.
Purification	AMGO1 antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Amphoterin-induced protein 1 AMIGO-1 Alivin-2
Molecular Weight	54 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG

Formulation	Liquid form in PBS containing 50% glycerol, and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:20824OMIM:615689
Alternative Names	Amphoterin-induced protein 1 AMIGO-1 Alivin-2
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. Assembled with KCNB1 modulates the gating characteristics of the delayed rectifier voltage-dependent potassium channel KCNB1.
Sequence and Domain Family	The LRR repeat region mediates homodimerization.
Cellular Localization	Cell membrane 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.