



AMGO2 Polyclonal Antibody

Catalog No	YP-Ab-07231
Isotype	IgG
Reactivity	Human;Rat;Mouse
Applications	WB;ELISA
Gene Name	AMIGO2 ALI1
Immunogen	Synthesized peptide derived from human protein . at AA range: 270-350
Specificity	AMGO2 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	ALI1;AMIGO-2;DEGA;AMGO2_HUMAN;AMIGO2;Alivin-1;Differentially expressed in gastric adenocarcinomas (DEGA);AMGO2;AMIGO2 ALI1; Amphoterin-induced protein 2 (AMIGO-2) (Alivin-1) (Differentially expressed in gastric adenocarcinomas) (DEGA)
Observed Band	54 kDa
Calculated Molecular Weight	54 kDa
Cell Pathway	Cell membrane ; Single-pass type I membrane protein . Nucleus . Associated with nucleus as well as plasma membrane. Restricted to somata of cerebellar as well as hippocampal neurons (By similarity). .
Tissue Specificity	Highest levels in breast, ovary, cervix, and uterus. Lower levels in lung, colon, and rectum. Differentially expressed in 56% of thyroid, 57% of pancreatic and 45% of stomach cancers.
Function	function:Required for depolarization-dependent survival of cultured cerebellar granule neurons. May mediate homophilic as well as heterophilic cell-cell interaction with AMIGO1 or AMIGO3. May contribute to signal transduction through its intracellular domain. May be required for tumorigenesis of a subset of gastric adenocarcinomas.,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 nucleus as well as plasma membrane. Restricted to somata of cerebellar as well as hippocampal neurons.,subunit:Bounds itself as well as AMIGO1 and AMIGO3.,tissue specificity:Highest levels in breast, ovary, cervix, and uterus. Lower levels in lung, colon, and rectum. Differentially expressed in 56% of thyroid, 57% of pancreatic and 45% of sto

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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