

AMGO2 Rabbit pAb

CatalogNo: YN2372

Key Features

Host Species

- Rabbit

Reactivity

- Human,Rat,Mouse

Applications

- WB,ELISA

MW

- 57kD (Observed)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-2000

ELISA 1:5000-20000

Storage

Storage* -15°C to -25°C/1 year(Do not lower than -25°C)

Formulation Liquid in PBS containing 50% glycerol,0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen Synthesized peptide derived from human protein . at AA range: 270-350

Specificity AMGO2 Polyclonal Antibody detects endogenous levels of protein.

Target Information

Gene name AMIGO2 ALI1

Protein Name	Amphoterin-induced protein 2 (AMIGO-2) (Alivin-1) (Differentially expressed in gastric adenocarcinomas) (DEGA)		
	Organism	Gene ID	UniProt ID
	Human	347902 ;	Q86SJ2 ;
	Mouse		Q80ZD9 ;
	Rat		Q7TNJ4 ;
Cellular Localization	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:Binds 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 stomach cancers.,		

| Validation Data

| Contact information

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