

## AMGO2 Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP14198
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	100ul, 50ul, 20ul
<b>Immunogen</b>	Synthesized peptide derived from human protein . at AA range: 270-350
<b>Mol wt</b>	N/A
<b>Species reactivity</b>	Human, Rat, Mouse
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	Amphoterin-induced protein 2
<b>Synonyms</b>	Amphoterin-induced protein 2 ;AMIGO-2;Alivin-1;Differentially expressed in gastric adenocarcinomas;DEGA

**This product is for research use only, not for use in human, therapeutic or diagnostic procedure.**

### Background

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. Belongs to the immunoglobulin superfamily. AMIGO family. Contains 1 Ig-like C2-type (immunoglobulin-like) domain. 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.

### Recommended Dilution

WB: 1: 500 - 1: 2000

ELISA: 1: 5000 - 1: 20000

Not yet tested in other applications.

### Images

No images.

### Storage

-20°C for 1 year