10320 Camino Santa Fe, Suite G
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Tel: 858.875.1900 Fax: 858.875.1999

AMIGO2 Antibody (C-Terminus)
Rabbit Polyclonal Antibody
Catalog # ALS16801

Specification

AMIGO2 Antibody (C-Terminus) - Product Information

Application	**IHC**
Primary Accession	Q86SJ2
Other Accession	347902
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**IgG**
Calculated MW	**57934**

AMIGO2 Antibody (C-Terminus) - Additional Information

Gene ID 347902

Other Names
AMIGO2, ALI1, Alivin 1, Alivin-1, Alvin 1, AMIGO-2, Amphoterin induced gene 2, Amphoterin-induced protein 2, Transmembrane protein AMIGO2, DEGA

Reconstitution & Storage
PBS, pH 7.4, 0.02% sodium azide. Store at -20°C for up to one year.

Precautions
AMIGO2 Antibody (C-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

AMIGO2 Antibody (C-Terminus) - Protein Information

Name AMIGO2 {ECO:0000312|EMBL:AAH47595.1}

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.

Cellular Location
Cell membrane; Single-pass type I membrane protein. Nucleus. Note=Associated with nucleus as well as plasma membrane. Restricted to somata of cerebellar as well as hippocampal neurons (By similarity)

Tissue Location
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.

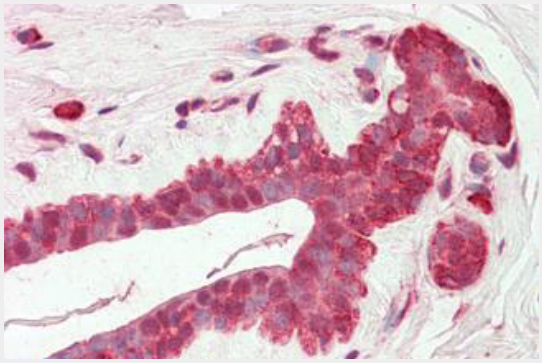
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AMIGO2 Antibody (C-Terminus) - Protocols

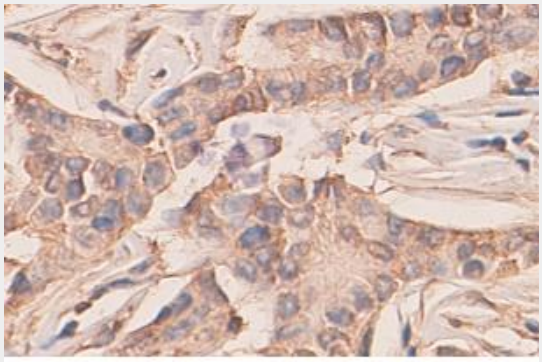
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

AMIGO2 Antibody (C-Terminus) - Images



Human Breast: Formalin-Fixed, Paraffin-Embedded (FFPE)



Immunohistochemical staining of formalin-fixed paraffin-embedded breast carcinoma showing membrane staining with anti-AMIGO2 antibody dilution: 1:100.

Immunohistochemical staining of formalin-fixed paraffin-embedded breast carcinoma showing membrane staining with anti-AMIGO2 antibody dilution 1:100.

AMIGO2 Antibody (C-Terminus) - 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.

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AMIGO2 Antibody (C-Terminus) - References

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Ono T.,et al.J. Neurosci. 23:5887-5896(2003).
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