

Amigo2 antibody - middle region
Rabbit Polyclonal Antibody
Catalog # AI13856**Specification**

Amigo2 antibody - middle region - Product Information

Application	WB
Primary Accession	Q7TNJ4
Other Accession	NM_182816 , NP_877968
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog
Predicted	Mouse, Rabbit, Pig, Chicken, Horse, Bovine, Guinea Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	57kDa KDa

Amigo2 antibody - middle region - Additional Information**Gene ID** 300186

Alias Symbol	Ali1, Amigo2
Other Names	

Amphoterin-induced protein 2, AMIGO-2, Alivin-1, Amigo2 {ECO:0000312|EMBL:AAO48951.1}

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-Amigo2 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

Amigo2 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

Amigo2 antibody - middle region - Protein Information**Name** Amigo2 {ECO:0000312|EMBL:AAO48951.1}**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.

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

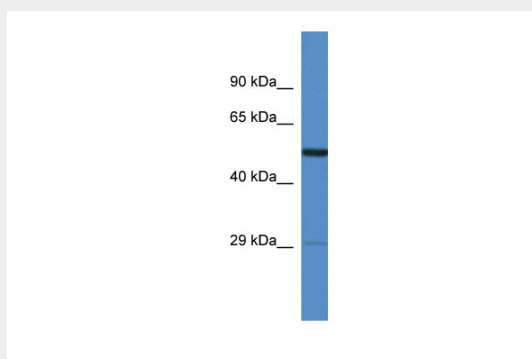
Tissue Location

Highest levels in the lung. High levels in cerebellar granule neurons and Purkinje cells. Also in pyramidal cells between CA1 and CA3 regions of the hippocampus and granule cells of the dentate gyrus.

Amigo2 antibody - middle region - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Amigo2 antibody - middle region - Images

WB Suggested Anti-Amigo2 Antibody Titration: 1.0 µg/ml
Positive Control: Rat Heart

Amigo2 antibody - middle region - References

Kuja-Panula J., et al. J. Cell Biol. 160:963-973(2003).
Ono T., et al. J. Neurosci. 23:5887-5896(2003).