

Amigo2 antibody - middle region

Rabbit Polyclonal Antibody

Catalog # AI13856

Product Information

Application	WB
Primary Accession	Q7TNJ4
Other Accession	NM_182816 , NP_877968
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Dog, Guinea Pig, Horse, Bovine
Predicted	Mouse, Rabbit, Pig, Chicken, Dog, Guinea Pig, Horse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	57759

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.

Protein Information

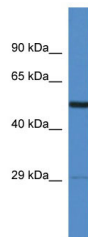
Name	Amigo2 {ECO:0000312 EMBL:AAO48951.1}
Function	Required for depolarization-dependent survival of cultured cerebellar granule neurons. May mediate homophilic as well as heterophilic cell-cell interaction with AMIGO1 or AMIGO3. May contribute to signal transduction through its intracellular domain.
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.

References

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

Images



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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.