

Rabbit AMIGO1 Polyclonal Antibody | anti-AMIGO1 antibody

AMIGO1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA40670	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

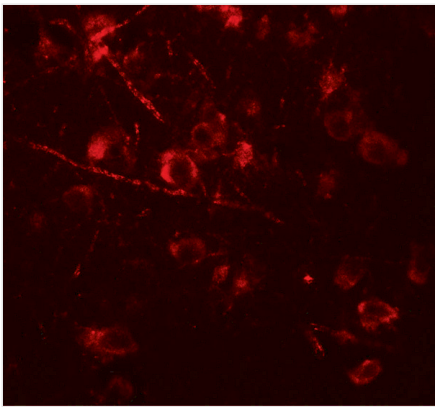
PRODUCT SYNONYMS

AMIGO1; Polyclonal Antibody; AMIGO1 Antibody; ALI2; AMIGO; AMIGO-1; KIAA1163; Amphoterin-induced protein 1; adhesion molecule with Ig-like domain 1; anti-AMIGO1 antibody

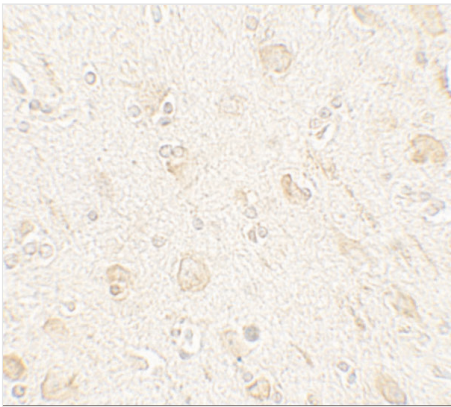
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	AMIGO1 antibody is human, mouse, and rat reactive. AMIGO1 antibody is predicted to not cross-react with AMIGO2 or AMIGO3.
Purity/Purification	AMIGO1 antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	493
Applicable Applications for anti-AMIGO1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	AMIGO1 antibody was raised against a 19 amino acid peptide near the carboxy terminus of human AMIGO1
Buffer	AMIGO1 antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	AMIGO1 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year.

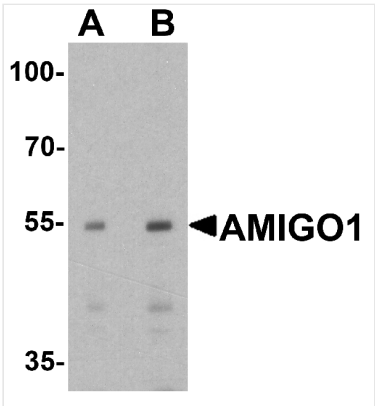
IMAGES



IF (Immunofluorescence)
Immunofluorescence of AMIGO1 in human brain tissue with AMIGO1 antibody at 20 μ g/mL.



IHC (Immunohistochemistry)
Immunohistochemistry of AMIGO1 in human brain tissue with AMIGO1 antibody at 5 μ g/mL.



WB (Western Blot)
Western blot analysis of AMIGO1 in HeLa cell lysate with AMIGO1 antibody at (A) 1 and (B) 2 μ g/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-AMIGO1 antibody

The amphoterin-induced gene and ORF (AMIGO1) protein is a brain-enriched, glycosylated transmembrane immunoglobulin (Ig) superfamily protein with six extracellular leucine-rich repeats (LRRs) and one Ig-like domain. It and the related proteins AMIGO2 and AMIGO3 are thought to be cell adhesion molecules expressed on fiber tracts of neuronal tissues and participate in their formation (1). AMIGO1 has also been suggested to play important roles in dendritic outgrowth during development and could modulate the survival of developing and adult neurons (2).

NCBI AND UNIPROT INFORMATION

NCBI GI #	153791466
NCBI GeneID	57463
NCBI Accession #	NP_065754
NCBI GenBank Nucleotide #	NM_020703.2
UniProt Accession #	Q86WK6; Q8IW71; Q9ULQ7; B4DIM3
Molecular Weight	Predicted: 54 kDa Observed: 55 kDa
NCBI Official Full Name	amphoterin-induced protein 1
NCBI Official Synonym Full Names	adhesion molecule with Ig-like domain 1

NCBI Official Symbol	AMIGO1
NCBI Official Synonym Symbols	ALI2; AMIGO; AMIGO-1
NCBI Protein Information	amphoterin-induced protein 1; AMIGO1; alivin-2; amphoterin-induced gene and ORF
UniProt Protein Name	Amphoterin-induced protein 1
UniProt Gene Name	AMIGO1
UniProt Entry Name	AMGO1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/amigo1-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/40670>