

Rabbit anti-Human, Mouse ANK3 Polyclonal Antibody | anti-ANK3 antibody

ANK3 Polyclonal Antibody

CATALOG # AAA179256	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunofluorescence
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PRODUCT SYNONYMS

ANK3; Polyclonal Antibody; ANK3 Polyclonal Antibody; MRT37; ANKYRIN-G; anti-ANK3 antibody

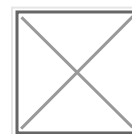
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.01% thiomersal, 50% glycerol, pH 7.3.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-ANK3 antibody	IF (Immunofluorescence)
Immunogen	Recombinant fusion protein of human ANK3
Research Area	Neuroscience
Preparation and Storage	Storage: -20 degree C/One year. Avoid freeze/thaw cycles.

IMAGES


IF (Immunofluorescence)

Immunofluorescence analysis of Neuro-2a cells using ANK3 Polyclonal Antibody at dilution of 1:200 (40x lens). Blue: DAPI for nuclear staining.


IF (Immunofluorescence)

Immunofluorescence analysis of SH-SY5Y cells using ANK3 Polyclonal Antibody at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.

ADDITIONAL INFORMATION

Related Product Information for anti-ANK3 antibody

Ankyrins are a family of proteins that are believed to link the integral membrane proteins to the underlying spectrin-actin cytoskeleton and play key roles in activities such as cell motility, activation, proliferation, contact, and the maintenance of specialized membrane domains. Multiple isoforms of ankyrin with different affinities for various target proteins are expressed in a tissue-specific, developmentally regulated manner. Most ankyrins are typically composed of three structural domains: an amino-terminal domain containing multiple ankyrin repeats; a central region with a highly conserved spectrin binding domain; and a carboxy-terminal regulatory domain which is the least conserved and subject to variation. Ankyrin 3 is an immunologically distinct gene product from ankyrins 1 and 2, and was originally found at the axonal initial segment and nodes of Ranvier of neurons in the central and peripheral nervous systems. Multiple transcript variants encoding different isoforms have been found for this gene.

Product Categories/Family for anti-ANK3 antibody

Antibodies; Primary Antibodies; Polyclonal Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	32967599
NCBI GeneID	288
NCBI Accession #	NP_001140.2
NCBI GenBank Nucleotide #	NM_001149.3
UniProt Accession #	Q12955; Q13484; Q5CZH9; Q5VXD5; Q7Z3G4; Q9H0P5; B1AQT2; B4DIL1; E9PE32
Molecular Weight	160,947 Da
NCBI Official Full Name	ankyrin-3 isoform 2
NCBI Official Synonym Full Names	ankyrin 3, node of Ranvier (ankyrin G)
NCBI Official Symbol	ANK3
NCBI Official Synonym Symbols	MRT37; ANKYRIN-G
NCBI Protein Information	ankyrin-3; ankyrin G119
UniProt Protein Name	Ankyrin-3
UniProt Gene Name	ANK3
UniProt Synonym Gene Names	ANK-3
UniProt Entry Name	ANK3_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/ank3-antibody-immunofluorescence-elisa/179256>