

Goat Ankyrin G Antibody | anti-ANK3 antibody

Goat anti-Ankyrin G Antibody

CATALOG # AAA61855	HOST Goat	REACTIVITY Human Expected from sequence similarity: Mouse, Rat, Cow	APPLICATIONS Immunohistochemistry, ELISA
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PRODUCT SYNONYMS

Ankyrin G; Goat anti-Ankyrin G Antibody; ANK3; ankyrin 3; node of Ranvier (ankyrin G); RP11-369L1.1; ANKYRIN-G; FLJ45464; ankyrin G119; ankyrin-3; node of Ranvier; anti-ANK3 antibody

PRODUCT SPECIFICATIONS

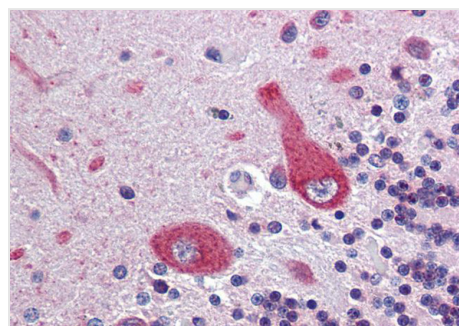
Host	Goat
Reactivity	Human Expected from sequence similarity: Mouse, Rat, Cow
Purity/Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Form/Format	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Concentration	100ug specific antibody in 200ul (varies by lot)
Applicable Applications for anti-ANK3 antibody	IHC (Immunohistochemistry), ELISA (Peptide ELISA)
Immunogen	Peptide with sequence C-SWQNETSSGNLE, from the internal region of the protein sequence according to NP_066267.2; NP_001140.2.
Epitope	internal region
Notes	This antibody is expected to recognise both reported isoforms (NP_001140.2; NP_066267.2)
Preparation and Storage	Aliquot and store at -20 degree C. Minimize freezing and thawing.

IMAGES



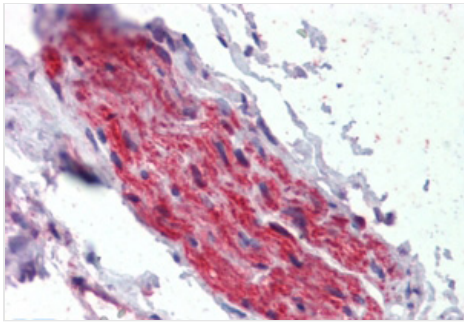
IHC (Immunohistochemistry)

AAA61855 (1:5000) immunostaining of ankyrin G-positive axon initial segments in cryosection of an immersion-fixed (1% PFA/0.5% methanol) Human Hypothalamus*. Antigen retrieval with citrate buffer Ph 6 at 80C for 30min. HRP-staining with Ni-DAB, after Biotin-SP-anti-goat (IgG) method. Data obtained by Drs. Éva Rumpel and Erik Hrabovszky, Inst, Exp, Med, Budapest, Hungary.



IHC (Immunohistochemistry)

AAA61855 (3.75ug/ml) staining of paraffin embedded Human Cerebellum. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



IHC (Immunohistochemistry)
 AAA61855 (3.75ug/ml) staining of paraffin embedded Human Prostate. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

ADDITIONAL INFORMATION

References	Kretschmer T, England JD, Happel LT, Liu ZP, Thouron CL, Nguyen DH, Beuerman RW, Kline DG.; Ankyrin G and voltage gated sodium channels colocalize in human neuroma--key proteins of membrane remodeling after axonal injury.; Neurosci Lett. 2002 Apr 26;323(2):151-5.; PMID: 11950515
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NCBI AND UNIPROT INFORMATION

NCBI GI #	32967601
NCBI GeneID	288
NCBI Accession #	NP_066267.2; NP_001140.2
NCBI GenBank Nucleotide #	NM_020987.3
UniProt Accession #	Q12955; Q13484; Q5CZH9; Q5VXD5; Q7Z3G4; Q9H0P5; B1AQT2; B4DIL1; E9PE32
Molecular Weight	160,947 Da
NCBI Official Full Name	ankyrin-3 isoform 1
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/goat-ank3-cow-human-mouse-rat-antibody/ankyrin-g/61855>