

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

Anti-ANKH Antibody (aa463-492) IHC-plus

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA162205	Rabbit	Mouse, Human	Flow Cytometry, Functional Assay, Western Blot, Immunohistochemistry

PRODUCT SYNONYMS

ANKH; Polyclonal Antibody; Anti-ANKH Antibody (aa463-492) IHC-plus; Rabbit Polyclonal to Human ANKH; Human ANKH; CMDJ; CPPDD; HANK; KIAA1581; ANK; MANK; CCAL2; anti-ANKH antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse, Human
Clonality	Polyclonal
Specificity	Human ANKH
Purity/Purification	Immunoaffinity purified
Form/Format	PBS, 0.09% sodium azide
Sequence Length	492
Applicable Applications for anti-ANKH antibody	FCM/FACS (Flow Cytometry), WB (Western Blot), IHC (Immunohistochemistry)
Immunogen	ANKH antibody was raised against KLH-conjugated synthetic peptide from C-terminal region of human ANKH.
Immunogen Description	KLH-conjugated synthetic peptide from C-terminal region of human ANKH.
Immunogen Type	Synthetic peptide
Antigen Modification	aa463-492
Target Species	Human
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C.

IMAGES



FCM/FACS (Flow Cytometry)

ANKH Antibody flow cytometry of K562 cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)

Western blot of ANKH Antibody in mouse cerebellum tissue lysates (35 ug/lane). ANKH (arrow) was detected using the purified antibody.



IHC (Immunohistochemistry)

Anti-ANKH / ANK antibody IHC staining of human brain, cortex. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

ADDITIONAL INFORMATION

Related Product Information for anti-ANKH antibody	ANKH Antibody, CMDJ Antibody, CPPDD Antibody, HANK Antibody, KIAA1581 Antibody, ANK Antibody, MANK Antibody, CCAL2 Antibody Description: ANKH is a multipass transmembrane protein that is expressed in joints and other tissues and controls pyrophosphate levels in cultured cells. Progressive ankylosis-mediated control of pyrophosphate levels has been suggested as a possible mechanism regulating tissue calcification and susceptibility to arthritis in higher animals. Mutations in this gene have been associated with autosomal dominant craniometaphyseal dysplasia.
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	16905507
NCBI GeneID	56172
NCBI Accession #	NP_473368.1
NCBI GenBank Nucleotide #	NM_054027.4
UniProt Accession #	Q9HCJ1; Q9NQW2; B2RCA7; B3KMG4; D3DTD4
Molecular Weight	32,259 Da
NCBI Official Full Name	progressive ankylosis protein homolog
NCBI Official Synonym Full Names	ANKH inorganic pyrophosphate transport regulator
NCBI Official Symbol	ANKH
NCBI Official Synonym Symbols	ANK; CMDJ; HANK; MANK; CCAL2; CPPDD
NCBI Protein Information	progressive ankylosis protein homolog
UniProt Protein Name	Progressive ankylosis protein homolog
UniProt Gene Name	ANKH
UniProt Synonym Gene Names	KIAA1581; ANK
UniProt Entry Name	ANKH_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/ankh-antibody-flow-cytometry-western-blot-immunohistochemistry-elisa/162205>