antibodies - online.com







anti-ANKH antibody (N-Term)





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Quantity:	100 μL
Target:	ANKH
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Guinea Pig, Rabbit, Dog, Cow, Horse, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ANKH antibody is un-conjugated
Application:	Western Blotting (WB)
Product Details	
Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human ANKH
Sequence:	SDLGYYIINK LHHVDESVGS KTRRAFLYLA AFPFMDAMAW THAGILLKHK
Predicted Reactivity:	Cow: 93%, Dog: 100%, Guinea Pig: 100%, Horse: 93%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 93%
Characteristics:	This is a rabbit polyclonal antibody against ANKH. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified
Target Details	
Target:	ANKH

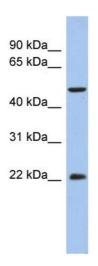
Target Details

Alternative Name:	ANKH (ANKH Products)	
Background:	ANKH regulates intra- and extracellular levels of inorganic pyrophosphate (PPi), probably functioning as PPi transporter. This gene encodes 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. Publication Note: This RefSeq record includes a subset of the	
	publications that are available for this gene. Please see the Entrez Gene record to access	
	additional publications. Alias Symbols: ANK, CCAL2, CMDJ, CPPDD, FLJ27166, HANK, MANK	
	Protein Interaction Partner: UBC, RPSA, APOE,	
	Protein Size: 492	
Molecular Weight:	54 kDa	
Gene ID:	56172	
NCBI Accession:	NM_054027, NP_473368	
UniProt:	Q9HCJ1	
Application Details		
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.	
Comment:	Antigen size: 492 AA	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Concentration:	Lot specific	
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 %	
	sucrose.	
Preservative:	Sodium azide	
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which	
	should be handled by trained staff only.	

Handling

Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-ANKH Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: THP-1 cell lysate