

Product datasheet for **TA342080**

ANKH Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-ANKH antibody: synthetic peptide directed towards the N terminal of human ANKH. Synthetic peptide located within the following region: SDLGYYIINKLHHVDES VGSKTRRAFLYLAAFPMDAMAWTHAGILLKHK
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	54 kDa
Gene Name:	ANKH inorganic pyrophosphate transport regulator
Database Link:	NP_473368 Entrez Gene 56172 Human Q9HCJ1



[View online »](#)

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.

Synonyms:

ANK; CCAL2; CMDJ; CPPDD; HANK; MANK

Note:

Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Guinea pig: 100%; Horse: 93%; Bovine: 93%; Zebrafish: 93%

Protein Families:

Druggable Genome, Transmembrane

Product images:

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