

## **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: SDLGYYIINKLHHVDESVGSKTRRAFLYLAAFPFMDAMAWTHAGILLKHK

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

**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



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### **ANKH Rabbit Polyclonal Antibody - TA342080**

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.

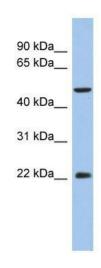
Synonyms: ANK; CCAL2; CMDJ; CPPDD; HANK; MANK

**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