

Datasheet for ABIN6136881
anti-ANKH antibody (AA 210-320)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	ANKH
Binding Specificity:	AA 210-320
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ANKH antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 210-320 of human ANKH (NP_473368.1).
Sequence:	LGYYKNIHDI IPDRSGPELG GDATIRKMLS FWWPLALILA TQRISRPIVN LFVSRDLGGS SAATEAVAIL TATYPVGHMP YGWLTEIRAV YPAFDKNNPS NKLVTSTNTV T
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

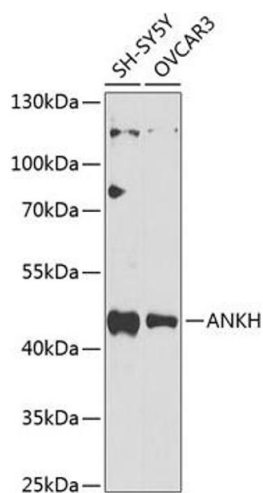
Target:	ANKH
Alternative Name:	ANKH (ANKH Products)
Background:	<p>This gene encodes a multipass transmembrane protein that is expressed in joints and other tissues and controls pyrophosphate levels in cultured cells. Progressive ankylosis-mediated control of pyrophosphate levels has been suggested as 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.,ANKH,ANK,CCAL2,CMDJ,CPPDD,HANK,MANK,Signal Transduction,Cell Biology & Developmental Biology,Cytoskeleton,Extracellular Matrix,Bone,ANKH</p>
Molecular Weight:	32 kDa/54 kDa
Gene ID:	56172
UniProt:	Q9HCJ1

Application Details

Application Notes:	WB,1:500 - 1:2000
Comment:	HIGH QUALITY
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using ANKH Antibody (ABIN6127434, ABIN6136881, ABIN6136882 and ABIN6225222) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Enhanced Kit (RM00021). Exposure time: 60s.