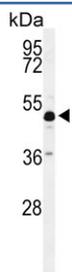


## ANKH Antibody (F55041)

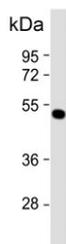
Catalog No.	Formulation	Size
F55041-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F55041-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

[Bulk quote request](#)

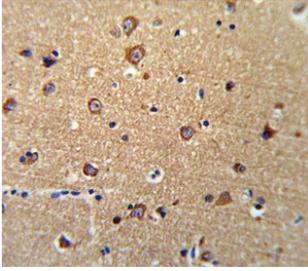
<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human, Mouse
<b>Format</b>	Purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity purified
<b>UniProt</b>	Q9HCJ1
<b>Applications</b>	Flow Cytometry : 1:10-1:50 (1x10e6 cells) Immunohistochemistry (FFPE) : 1:10-1:50 Western Blot : 1:500-1:1000
<b>Limitations</b>	This ANKH antibody is available for research use only.



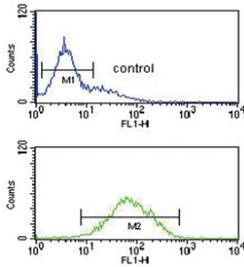
Western blot testing of mouse cerebellum tissue lysate with ANKH antibody. Predicted molecular weight ~54 kDa.



Western blot testing of human U-2 OS cell lysate with ANKH antibody. Predicted molecular weight ~54 kDa.



IHC testing of FFPE human brain tissue with ANKH antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.



Flow cytometry testing of human K562 cells with ANKH antibody; Blue=isotype control, Green= ANKH 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.

## Application Notes

The stated application concentrations are suggested starting points. Titration of the ANKH antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

A portion of amino acids 464-492 from the human protein was used as the immunogen for the ANKH antibody.

## Storage

Aliquot the ANKH antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.