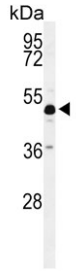
ANKH Antibody (F55041)

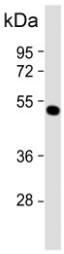
Catalog No.	Formulation	Size
F55041-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F55041-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

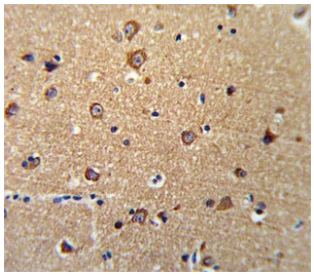
Availability	1-3 business days
Species Reactivity	Human, Mouse
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
UniProt	Q9HCJ1
Applications	Flow Cytometry : 1:10-1:50 (1x10e6 cells) Immunohistochemistry (FFPE) : 1:10-1:50 Western Blot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



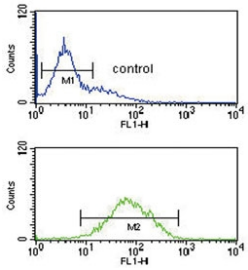
Western blot testing of mouse cerebellum tissue lysate with ANKH antibody. Predicted molecular weight ~54 kDa.



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.

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