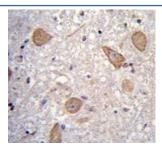


CNIH2 Antibody (F54600)

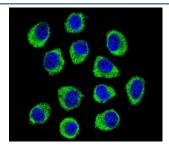
Catalog No.	Formulation	Size
F54600-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F54600-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

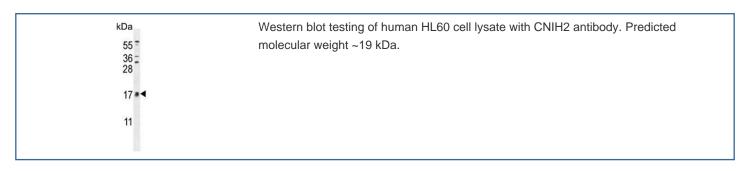
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity purified
UniProt	Q6PI25
Localization	Cytoplasmic
Applications	Western Blot : 1:500-1:2000 Immunohistochemistry (FFPE) : 1:25 Flow Cytometry : 1:25 (1x10e6 cells) Immunofluorescence : 1:25
Limitations	This CNIH2 antibody is available for research use only.

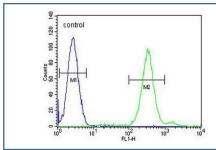


IHC testing of FFPE human brain tissue with CNIH2 antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.



Immunofluorescent staining of human U-251 MG cells with CNIH2 antibody (green) and DAPI nuclear stain (blue).





Flow cytometry testing of human HL60 cells with CNIH2 antibody; Blue=isotype control, Green= CNIH2 antibody.

Description

Regulates the trafficking and gating properties of AMPA-selective glutamate receptors (AMPARs). Promotes their targeting to the cell membrane and synapses and modulates their gating properties by regulating their rates of activation, deactivation and desensitization. Blocks CACNG8-mediated resensitization of AMPA receptors. [UniProt]

Application Notes

The stated application concentrations are suggested starting points. Titration of the CNIH2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 31-59 from the human protein was used as the immunogen for the CNIH2 antibody.

Storage

Aliquot the CNIH2 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.