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FXYD6 Antibody (C-term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP20610c

Product Information

Application	FC, IHC-P, WB, E
Primary Accession	Q9H0Q3
Reactivity	Human, Rat, Mouse
Predicted	Bovine, Canine, Rabbit, Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB48060
Calculated MW	10542

Additional Information

Gene ID	53826
Other Names	FXYD domain-containing ion transport regulator 6, Phosphohippolin, FXYD6
Target/Specificity	This FXYD6 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 81-115amino acids from the C-terminal region of human FXYD6.
Dilution	FC~~1:25 IHC-P~~1:100~500 WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.05% (V/V) Proclin 300. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	FXYD6 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

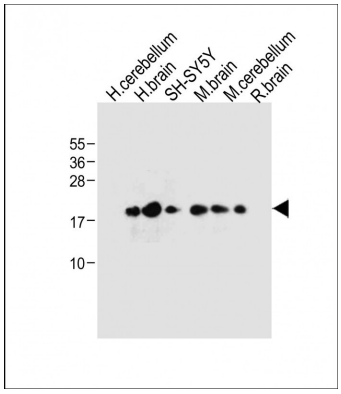
Name	FXYD6 (HGNC:4030)
Function	Associates with and regulates the activity of the sodium/potassium-transporting ATPase (NKA) which catalyzes the hydrolysis of ATP coupled with the exchange of Na(+) and K(+) ions across the plasma membrane. Reduces the apparent affinity for intracellular Na(+) with no

	change in the apparent affinity for extracellular K(+) (PubMed:33231612). In addition to modulating NKA kinetics, may also function as a regulator of NKA localization to the plasma membrane (By similarity).
Cellular Location	Cell membrane {ECO:0000250|UniProtKB:Q91XV6}; Single-pass type I membrane protein

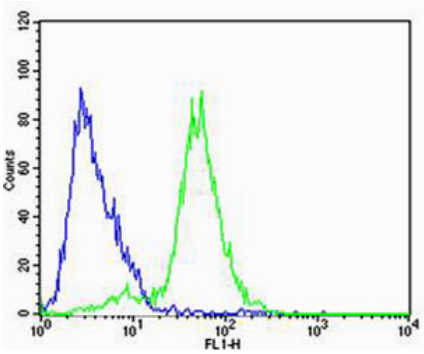
References

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Clark H.F.,et al.Genome Res. 13:2265-2270(2003).
Kalnine N.,et al.Submitted (MAY-2003) to the EMBL/GenBank/DDBJ databases.
Brandenberger R.,et al.Nat. Biotechnol. 22:707-716(2004).
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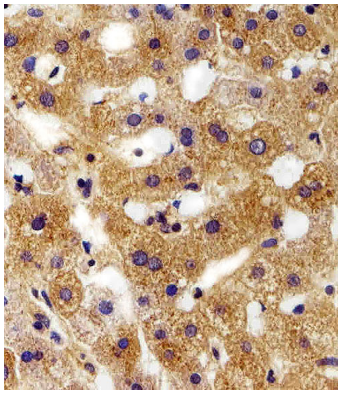
Images



All lanes : Anti-FXYD6 Antibody (C-term) at 1:1000 dilution Lane 1: Human cerebellum tissue lysate Lane 2: Human brain tissue lysate Lane 3: SH-SY5Y whole cell lysate Lane 4: Mouse brain tissue lysate Lane 5: Mouse cerebellum tissue lysate Lane 6: Rat brain tissue lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 11 kDa Blocking/Dilution buffer: 5% NFDM/TBST.



Flow cytometric analysis of SH-SY5Y cells using FXYD6 Antibody (C-term)(green, Cat#AP20610c) compared to an isotype control of rabbit IgG(blue). AP20610c was diluted at 1:25 dilution. An Alexa Fluor® 488 goat anti-rabbit lgG at 1:400 dilution was used as the secondary antibody.



Immunohistochemical analysis of paraffin-embedded H. liver section using FXYD6 Antibody (C-term)(Cat#AP20610c). AP20610c was diluted at 1:100 dilution. A peroxidase-conjugated goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody, followed by DAB staining.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.