10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

NKAIN2 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP16664c

Product Information

Application	WB, E
Primary Accession	Q5VXU1
Other Accession	Q4PNJ2, A6QNL6, NP_001035304.1, NP_699186.2
Reactivity	Human, Rat, Mouse
Predicted	Mouse, Bovine, Canine, Rabbit, Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB36434
Calculated MW	23831
Antigen Region	106-134

Additional Information

Gene ID	154215
Other Names	Sodium/potassium-transporting ATPase subunit beta-1-interacting protein 2, Na(+)/K(+)-transporting ATPase subunit beta-1-interacting protein 2, Protein FAM77B, T-cell lymphoma breakpoint-associated target protein 1, NKAIN2, FAM77B, TCBA1
Target/Specificity	This NKAIN2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 106-134 amino acids from the Central region of human NKAIN2.
Dilution	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 prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
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	NKAIN2 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	NKAIN2

Synonyms	FAM77B, TCBA1
Cellular Location	Cell membrane; Multi-pass membrane protein
Tissue Location	Expressed in fetal brain. Weakly expressed in adult brain and thymus. Not expressed in any other normal tissue examined

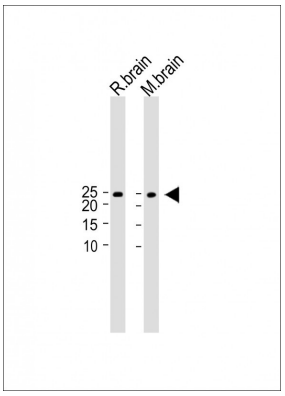
Background

The protein encoded by this gene is a transmembrane protein that interacts with the beta subunit of Na,K-ATPase (ATP1B1). A chromosomal translocation involving this gene is a cause of lymphoma. At least two transcript variants encoding different isoforms have been found for this gene.

References

Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010)
Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :
Calboli, F.C., et al. PLoS ONE 5 (7), E11504 (2010) :
Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009)
Gorokhova, S., et al. Hum. Mol. Genet. 16(20):2394-2410(2007)

Images



All lanes : Anti-NKAIN2 Antibody (Center) at 1:1000 dilution Lane 1: R. brain whole cell lysate Lane 2: 293 whole cell lysate Lane 3: M. brain whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated (ASP1615) at 1/15000 dilution. Observed band size : 24kDa Blocking/Dilution buffer: 5% NFDM/TBST.

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