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

NXF5 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP18378a

Product Information

Application	WB, E
Primary Accession	Q9H1B4
Other Accession	Q9GZY0, NP_116564.2
Reactivity	Human
Predicted	Bovine
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB38315
Calculated MW	45628
Antigen Region	53-80

Additional Information

Other Names	Nuclear RNA export factor 5, TAP-like protein 1, TAPL-1, NXF5, TAPL1
Target/Specificity	This NXF5 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 53-80 amino acids from the N-terminal region of human NXF5.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. 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	NXF5 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	NXF5
Synonyms	TAPL1
Function	Could be involved in the export of mRNA from the nucleus to the cytoplasm. Could also have a role in polarized cytoplasmic transport and localization of mRNA in neurons.

Cellular Location	Cytoplasm. Nucleus. Note=Mainly localized in the cytoplasm of cells and more particularly in the cell body and neurites of hippocampal neurons. Although nuclear localization is also observed Not detected at nuclear rim

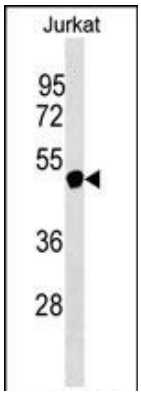
Background

This gene is one member of a family of nuclear RNA export factor genes. The encoded protein can bind RNA, and is implicated in mRNA nuclear export. However, this protein has lost several C-terminal protein domains found in other family members that are required for export activity, and may be an evolving pseudogene. Alternatively spliced transcript variants have been described, but most are candidates for nonsense-mediated decay (NMD) and may not express proteins in vivo.

References

Tarpey, P.S., et al. Nat. Genet. 41(5):535-543(2009)
Hillman, R.T., et al. Genome Biol. 5 (2), R8 (2004) :
Frints, S.G., et al. Am. J. Med. Genet. A 119A (3), 367-374 (2003) :
Jun, L., et al. Curr. Biol. 11(18):1381-1391(2001)
Herold, A., et al. Mol. Cell. Biol. 20(23):8996-9008(2000)

Images



NXF5 Antibody (N-term) (Cat. #AP18378a) western blot analysis in Jurkat cell line lysates (35ug/lane).This demonstrates the NXF5 Antibody detected the NXF5 protein (arrow).

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