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BICC1 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP6966a

Product Information

Application	WB, IHC-P, E
Primary Accession	Q9H694
Other Accession	Q99MQ1, Q5U4T7, Q9IA00
Reactivity	Human
Predicted	Xenopus, Mouse, Rat, Bovine, Canine, Rabbit, Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB21431
Calculated MW	104844
Antigen Region	80-107

Additional Information

Gene ID	80114
Other Names	Protein bicaudal C homolog 1, Bic-C, BICC1
Target/Specificity	This BICC1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 80-107 amino acids from the N-terminal region of human BICC1.
Dilution	WB~~1:1000 IHC-P~~1:100~500 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	BICC1 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	BICC1
Function	Putative RNA-binding protein. Acts as a negative regulator of Wnt signaling. May be involved in regulating gene expression during embryonic development.

Cellular Location Cytoplasm.

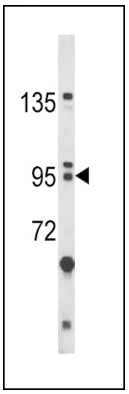
Background

BICC1 is an RNA-binding protein that is active in regulating gene expression by modulating protein translation during embryonic development. Mouse studies identified the corresponding protein to be under strict control during cell differentiation and to be a maternally provided gene product.

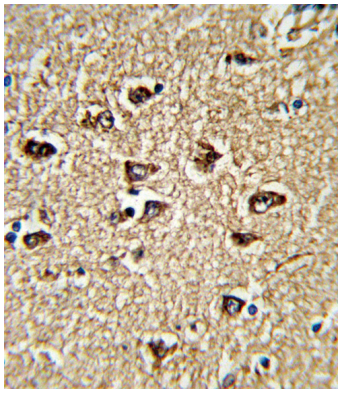
References

Grupe,A., et.al., Am. J. Hum. Genet. 78 (1), 78-88 (2006)

Images



Western blot analysis of BICC1 Antibody (N-term) (Cat. #AP6966a) in HL-60 cell line lysates (35ug/lane). BICC1 (arrow) was detected using the purified Pab.



Formalin-fixed and paraffin-embedded human brain tissue reacted with BICC1 Antibody (N-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.

Citations

- Protein composition and movements of membrane swellings associated with primary cilia.

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