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FBXO21 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP11326b

Product Information

Application	WB, IHC-P, E
Primary Accession	O94952
Other Accession	NP_055817.1, NP_296373.1
Reactivity	Mouse
Predicted	Rat, Bovine, Canine, Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB18234
Calculated MW	72270
Antigen Region	474-501

Additional Information

Gene ID	23014
Other Names	F-box only protein 21, FBXO21, FBX21, KIAA0875
Target/Specificity	This FBXO21 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 474-501 amino acids from the C-terminal region of human FBXO21.
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	FBXO21 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	FBXO21
Synonyms	FBX21, KIAA0875
Function	Substrate-recognition component of the SCF (SKP1-CUL1-F-box protein)-type

E3 ubiquitin ligase complex.

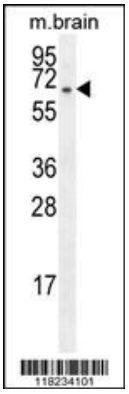
Background

This gene encodes a member of the F-box protein family which is characterized by an approximately 40 amino acid motif, the F-box. The F-box proteins constitute one of the four subunits of ubiquitin protein ligase complex called SCFs (SKP1-cullin-F-box), which function in phosphorylation-dependent ubiquitination. The F-box proteins are divided into 3 classes: Fbws containing WD-40 domains, Fbls containing leucine-rich repeats, and Fbxs containing either different protein-protein interaction modules or no recognizable motifs. The protein encoded by this gene belongs to the Fbxs class. Alternative splicing of this gene generates 2 transcript variants.

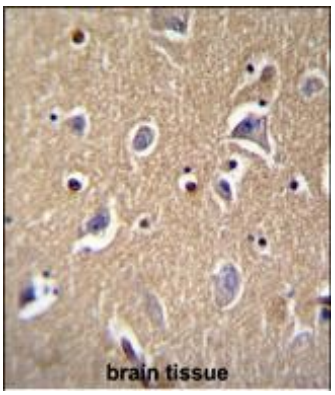
References

Nakayama, M., et al. Genome Res. 12(11):1773-1784(2002)
Cenciarelli, C., et al. Curr. Biol. 9(20):1177-1179(1999)

Images



FBXO21 Antibody (C-term) (Cat. #AP11326b) western blot analysis in mouse brain tissue lysates (35ug/lane).This demonstrates the FBXO21 antibody detected the FBXO21 protein (arrow).



FBXO21 Antibody (C-term) (Cat. #AP11326b)immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of FBXO21 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.

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