

For Research Use Only

FJX1 Polyclonal antibody

Catalog Number: 17417-1-AP **1 Publications**



Basic Information

Catalog Number: 17417-1-AP	GenBank Accession Number: BC049171	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 450 µg/ml by Nanodrop and 213 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 24147	Recommended Dilutions: WB 1:500-1:3000 IHC 1:250-1:1000
Source: Rabbit	Full Name: four jointed box 1 (Drosophila)	
Isotype: IgG	Calculated MW: 437 aa, 49 kDa	
Immunogen Catalog Number: AG11385	Observed MW: 49 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls: WB : rat brain tissue, IHC : mouse brain tissue, human liver tissue, mouse testis tissue
Cited Applications: WB	
Species Specificity: human, mouse, rat	
Cited Species: rat	
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

Background Information

Four-jointed box protein 1 (FJX1), also named as FLJ22416, is a 437 amino acid protein, which belongs to the FJX1 family. FJX1 is a secreted protein and acts as an inhibitor of dendrite and branching. FJX1 is important for growth and differentiation of legs and wings, and for proper development of the eyes. FAT4, an essential gene that has a key role in vertebrate PCP (planar cell polarity), represses FJX1 expression which may lead to cystic diseases in humans.

Notable Publications

Author	Pubmed ID	Journal	Application
Tiao Bu	37119967	Mol Cell Endocrinol	WB

Storage

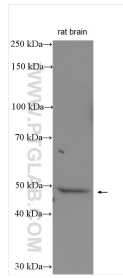
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

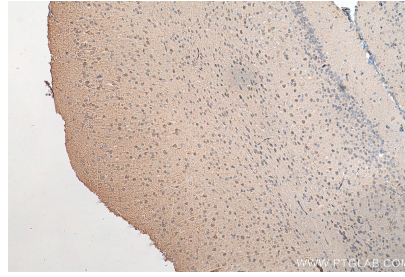
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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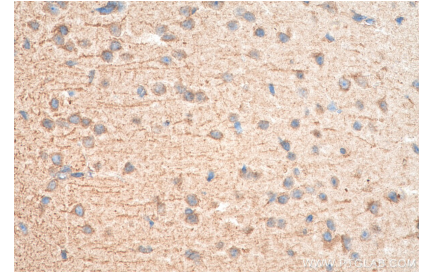
Selected Validation Data



rat brain tissue were subjected to SDS PAGE followed by western blot with 17417-1-AP (FJX1 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 17417-1-AP (FJX1 antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 17417-1-AP (FJX1 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).