

For Research Use Only

FBXW4 Polyclonal antibody

Catalog Number:10657-1-AP



Basic Information

Catalog Number: 10657-1-AP	GenBank Accession Number: BC007380	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 260 ug/ml by Nanodrop and 173 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 6468	Recommended Dilutions: WB 1:200-1:1000 IHC 1:50-1:500
Source: Rabbit	UNIPROT ID: P57775	
Isotype: IgG	Full Name: F-box and WD repeat domain containing 4	
Immunogen Catalog Number: AG1047	Calculated MW: 46 kDa	
	Observed MW: 50 kDa	

Applications

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

Background Information

F-box proteins have been shown to be critical for the ubiquitin-mediated degradation of cellular regulatory proteins, and they are a family of eukaryotic proteins characterized by an approximately 40 amino acid motif. SCF complex, a class of ubiquitin ligases, consists of invariable components, Skp1 and Cullin, and variable components of F-box proteins, which have a primary role in determining substrate specificity. FBXW4, also known as SHFM3, encodes F-box and WD-40 domain-containing protein 4. Defects in SHFM3 are a cause of split-hand/foot malformation type 3 (SHFM3), an autosomal dominant disorder characterized by hypoplasia/aplasia of the central digits with fusion of the remaining digits.

Storage

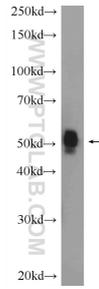
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

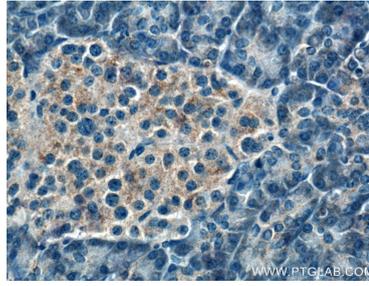
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
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Selected Validation Data



mouse lung tissue were subjected to SDS PAGE followed by western blot with 10657-1-AP (FBXW4 Antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human pancreas tissue slide using 10657-1-AP (FBXW4 Antibody) at dilution of 1:200 (under 40x lens).