

FBXW4 Polyclonal antibody

Catalog Number: 10657-1-AP

Basic Information

Catalog Number:

10657-1-AP

Size:

150ul, Concentration: 260 ug/ml by Nanodrop and 173 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG1047

GenBank Accession Number:

BC007380

GeneID (NCBI):

6468

UNIPROT ID:

P57775

Full Name:

F-box and WD repeat domain containing 4

Calculated MW:

46 kDa

Observed MW:

50 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:200-1:1000

IHC 1:50-1:500

Applications

Tested Applications:

WB, IHC, ELISA

Species Specificity:

human, mouse

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : mouse lung tissue, mouse liver tissue

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

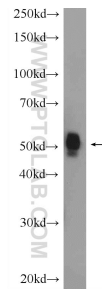
For technical support and original validation data for this product please contact:

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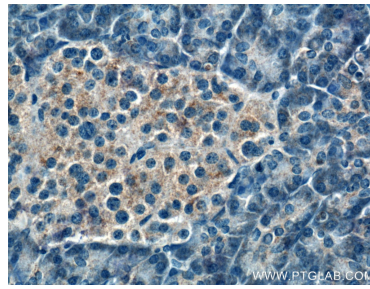
E: proteintech@ptglab.com
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Selected Validation Data



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).