

FBXW4 Polyclonal Antibody

Catalog number: 10657-1-AP

Size: 26 µg/150 µl

Source: Rabbit

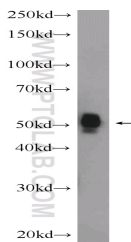
Isotype: IgG

Synonyms:

FBXW4; DAC, Dactylin, FBW4,

FBWD4, FBXW4, SHFM3,

SHSF3



mouse lung tissue were subjected to SDS PAGE followed by western blot with 10657-1-AP(FBXW4 Antibody) at dilution of 1:300

Background

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.

Applications

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|-------------------------|--|
| Tested applications: | ELISA, WB |
| Species specificity: | Human, Mouse, Rat; other species not tested. |
| Calculated FBXW4 MW: | 46 kDa |
| Observed FBXW4 MW: | 50 kDa |
| Positive WB detected in | Mouse lung tissue, mouse liver tissue |
| Recommended dilution: | WB: 1:200-1:1000 |

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

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|---------------------------|---|
| Immunogen: | Ag1047 |
| GenBank accession number: | BC007380 |
| Gene ID (NCBI): | 6468 |
| Full name: | F-box and WD repeat domain containing 4 |

Product information

| | |
|----------------------|---|
| Purification method: | Antigen affinity purification |
| Storage: | PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C. |