

FBXO6 Polyclonal antibody

Catalog Number: 11830-1-AP

1 Publications

Basic Information

Catalog Number:

11830-1-AP

Size:

600 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG2400

GenBank Accession Number:

BC020880

GeneID (NCBI):

26270

UNIPROT ID:

Q9NRD1

Full Name:

F-box protein 6

Calculated MW:

293 aa, 34 kDa

Observed MW:

35-40 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IHC 1:50-1:500

Applications

Tested Applications:

IHC, WB, ELISA

Species Specificity:

human, mouse

Cited Species:

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,

IHC : human prostate cancer tissue,

Background Information

FBXO6(F-box only protein 6) is also named as FBG2, FBS2, FBX6 and belongs to the F-box protein family. It can regulate Chk1 ubiquitination and degradation in both normally cycling cells and during replication stress. This protein is mainly detected in the cytoplasm in both cultured cells and in tumor tissues. Its expression is a predictive biomarker of tumor responsiveness to the important anticancer drugs.(PMID:19716789). FBXO6 can inhibit the anaphase promoting complex (cyclosome APC) and prevent mitotic exit in cytostatic factor (CSF) arrested eggs as a mitotic regulator.

Notable Publications

Author	Pubmed ID	Journal	Application
Tao Zhang	37633478	Cell Signal	

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

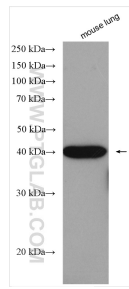
For technical support and original validation data for this product please contact:

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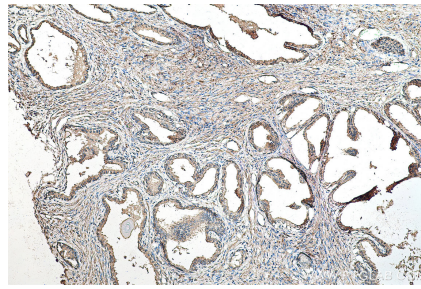
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Selected Validation Data



mouse lung tissue were subjected to SDS PAGE followed by western blot with 11830-1-AP (FBXO6 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human prostate cancer tissue slide using 11830-1-AP (FBXO6 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).