

For Research Use Only

FBXO6 Polyclonal antibody

Catalog Number: 11830-1-AP **1 Publications**



Basic Information

Catalog Number: 11830-1-AP	GenBank Accession Number: BC020880	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 600 µg/ml by Nanodrop;	GeneID (NCBI): 26270	Recommended Dilutions: WB 1:500-1:1000 IHC 1:50-1:500
Source: Rabbit	Full Name: F-box protein 6	
Isotype: IgG	Calculated MW: 293 aa, 34 kDa	
Immunogen Catalog Number: AG2400	Observed MW: 35-40 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls:
Species Specificity: human, mouse	WB : mouse lung tissue,
Cited Species: mouse	IHC : human prostate cancer tissue,

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

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

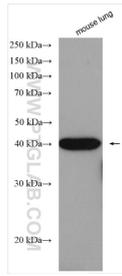
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

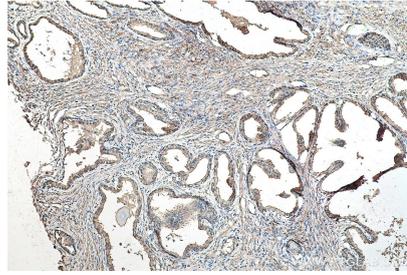
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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Selected Validation Data



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).