For Research Use Only

RBX1 Monoclonal antibody

Catalog Number:66716-1-Ig 1 Publications

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Basic Information

Catalog Number:
66716-1-Ig

Size:
1300 μg/ml

Source:
Mouse

Isotype:
IgG1

Immunogen Catalog Number:
AG7005

GenBank Accession Number:
BC001466

GeneID (NCBI):
9978

UNIPROT ID:
P62877

Full Name:
ring-box 1

Calculated MW:
12 kDa

Observed MW:
12-15 kDa

Purification Method:
Protein G purification

CloneNo.:
1F4D9

Recommended Dilutions:
WB 1:20000-1:50000
IHC 1:2500-1:10000

Applications

Tested Applications:
IHC, WB,ELISA

Cited Applications:
WB, IP

Species Specificity:
Human, Mouse, Rat

Cited Species:
human

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 : HeLa cells, RAW 264.7 cells, HEK-293 cells, HepG2 cells, Jurkat cells

IHC : human liver cancer tissue,

Background Information

RBX1(RING-box protein 1) is also named as RNF75, ROC1 and is a requisite component of the multi- subunit SCF family E3s36-40. It mediates the ubiquitination and subsequent proteasomal degradation of target proteins, including proteins involved in cell cycle progression, signal transduction, transcription and transcription-coupled nucleotide excision repair.

Notable Publications

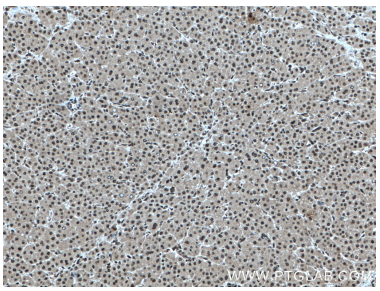
Author	Pubmed ID	Journal	Application
Magda Wąchalska	37808699	bioRxiv	WB,IP

Storage

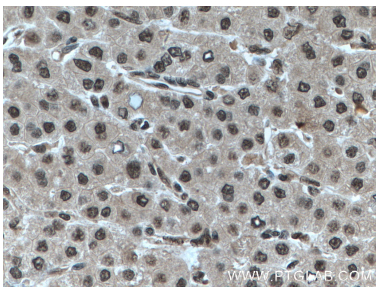
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

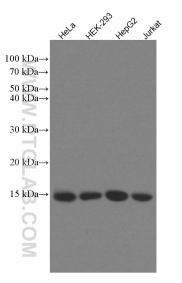
Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 66716-1-Ig (RBX1 antibody) at dilution of 1:5000 (under 10x lens) Heat mediated antigen retrieved with Sodium Citrate buffer (pH 6.0).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 66716-1-Ig (RBX1 antibody) at dilution of 1:5000 (under 40x lens) Heat mediated antigen retrieved with Sodium Citrate buffer (pH 6.0).



Various lysates were subjected to SDS PAGE followed by western blot with 66716-1-Ig (RBX1 antibody) at dilution of 1:50000 incubated at room temperature for 1.5 hours.