

For Research Use Only

# RBX1 Monoclonal antibody

Catalog Number: 66716-1-Ig 1 Publications



## Basic Information

|   |                                       |  |
|---|---------------------------------------|--|
| Catalog Number:<br>66716-1-Ig   | GenBank Accession Number:<br>BC001466 | Purification Method:<br>Protein G purification                     |
| Size:<br>150ul , Concentration: 1300 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard; | GeneID (NCBI):<br>9978                | CloneNo.:<br>1F4D9   |
| Source:<br>Mouse  | Full Name:<br>ring-box 1              | Recommended Dilutions:<br>WB 1:20000-1:50000<br>IHC 1:2500-1:10000 |
| Isotype:<br>IgG1  | Calculated MW:<br>12 kDa              |  |
| Immunogen Catalog Number:<br>AG7005   | Observed MW:<br>12-15 kDa             |  |

## Applications

|  |  |
|--|--|
| Tested Applications:<br>IHC, WB, ELISA   | Positive Controls:   |
| Cited Applications:<br>IP, WB  | WB : HeLa cells, RAW 264.7 cells, HEK-293 cells, HepG2 cells, Jurkat cells |
| Species Specificity:<br>Human, Mouse, Rat  | IHC : human liver cancer tissue,   |
| Cited Species:<br>human  |  |
| <b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b> |  |

## 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

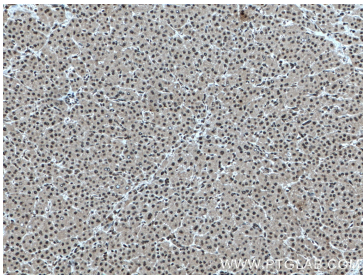
Storage:  
Store at -20°C. Stable for one year after shipment.  
Storage Buffer:  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

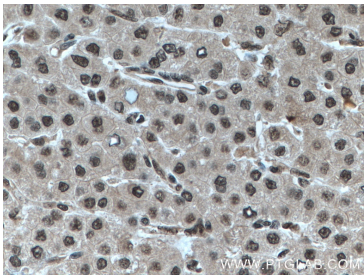
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E: proteintech@ptglab.com  
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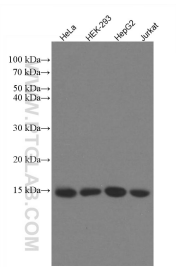
Selected Validation Data



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.