

For Research Use Only

RANBP3 Polyclonal antibody

Catalog Number: 27168-1-AP



Basic Information

Catalog Number: 27168-1-AP	GenBank Accession Number: BC004349	Purification Method: Antigen affinity purification
Size: 550 ug/ml	GeneID (NCBI): 8498	Recommended Dilutions: WB 1:5000-1:50000
Source: Rabbit	UNIPROT ID: Q9H6Z4	IHC 1:200-1:800 IF/ICC 1:200-1:800
Isotype: IgG	Full Name: RAN binding protein 3	
Immunogen Catalog Number: AG26000	Calculated MW: 60 kDa	
	Observed MW: 70 kDa	

Applications

Tested Applications:
WB, IHC, IF/ICC, ELISA

Species Specificity:
human, 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 : HeLa cells, Jurkat cells, NIH/3T3 cells

IHC : mouse testis tissue, human testis tissue

IF/ICC : HepG2 cells,

Background Information

RANBP3 (Ran-binding protein 3) is also named as Rab escort protein 1 (REP-1). RanBP3 is a RanGTP - binding protein that has been reported to enhance nuclear export of active β - catenin, independent of its role as a CRM1 - associated nuclear export cofactor (PMID: 9637251). RanBP3 has been reported to be a crucial downstream molecule of MAPK-ERK and PI3K-AKT signal pathways (PMID: 18331709). RanBP3 is a tumor suppressor in CRC and is associated with patient survival (PMID: 36270974). RanBP3 has been reported as a potential regulator in melanoma biology, hepatocellular carcinoma, prostate cancer, and ovarian cancer, and RanBP3 is highly expressed in CML Cells (PMID: 34504783).

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:

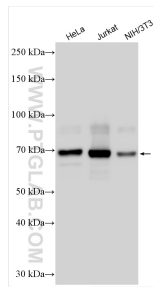
T: 4006900926

E: Proteintech-CN@ptglab.com

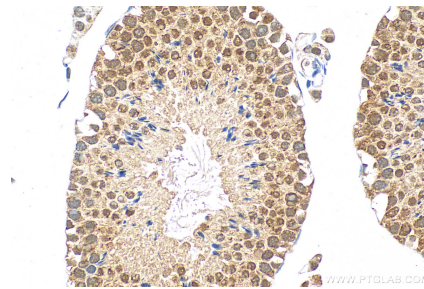
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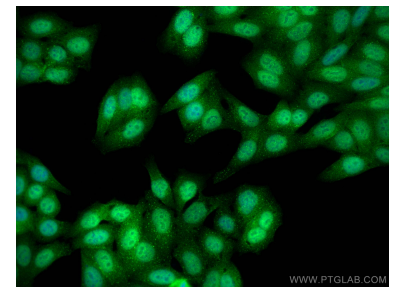
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 27168-1-AP (RANBP3 antibody) at dilution of 1:30000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 27168-1-AP (RANBP3 antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using RANBP3 antibody (27168-1-AP) at dilution of 1:400 and Multi-rAb CoraLite® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002).