

For Research Use Only

BRCC3 Polyclonal antibody

Catalog Number: 15391-1-AP **3 Publications**



Basic Information

Catalog Number: 15391-1-AP	GenBank Accession Number: BC002999	Purification Method: Antigen affinity purification
Size: 800 µg/ml	GeneID (NCBI): 79184	Recommended Dilutions: WB 1:1000-1:6000 IHC 1:50-1:500
Source: Rabbit	UNIPROT ID: P46736	
Isotype: IgG	Full Name: BRCA1/BRCA2-containing complex, subunit 3	
Immunogen Catalog Number: AG7584	Calculated MW: 36 kDa	
	Observed MW: 35 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls: WB : HeLa cells, PC-3 cells
Cited Applications: WB, IHC, CoIP	IHC : human nasopharyngeal carcinoma tissue,
Species Specificity: human, mouse, rat	
Cited Species: human, mouse, pig	

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

BRCA1-BRCA2-containing complex subunit 3 (BRCC3), a Lys-63-specific deubiquitinase, is a member of the JAMM/MPN family of zinc metalloproteases. BRCC3 have been shown to promote the inflammasome activation by deubiquitinating NOD-like receptor containing pyrin domain 3 (NLRP3). BRCC3 is associated with G2/M arrest in breast cancer cells and DNA damage. The expression of BRCC3 is associated with increased cell proliferation. (PMID: 23246432, PMID: 30272359)

Notable Publications

Author	Pubmed ID	Journal	Application
Nitchakarn Kaokhum	36182100	Mol Cell Proteomics	WB
Liping Xie	38240727	J Agric Food Chem	WB,CoIP
Jiahao Zhang	37734237	Transl Oncol	IHC

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:

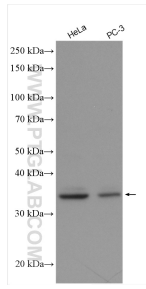
T: 4006900926

E: Proteintech-CN@ptglab.com

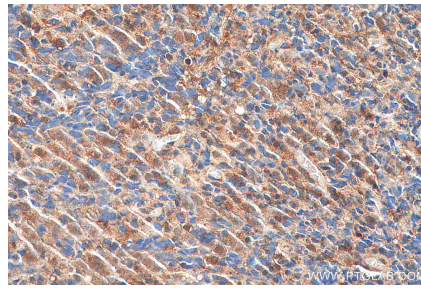
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 15391-1-AP (BRCC3 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human nasopharyngeal carcinoma tissue slide using 15391-1-AP (BRCC3 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).