

For Research Use Only

USP15 Monoclonal antibody

Catalog Number: 67557-1-Ig **1 Publications**



Basic Information

Catalog Number: 67557-1-Ig	GenBank Accession Number: BC020688	Purification Method: Protein G purification
Size: 150UL, Concentration: 1000 µg/ml by 9958 Bradford method using BSA as the standard;	GeneID (NCBI): 9958	CloneNo.: 1C9G3
Source: Mouse	Full Name: ubiquitin specific peptidase 15	Recommended Dilutions: WB 1:5000-1:50000 IHC 1:500-1:2000
Isotype: IgG1	Calculated MW: 112 kDa	
Immunogen Catalog Number: AG5712	Observed MW: 112 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls: WB : HeLa cells, HEK-293 cells, HepG2 cells, K-562 cells, Jurkat cells, HSC-T6 cells, NIH/3T3 cells IHC : human breast cancer tissue,
Cited Applications: IF, WB	
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	

Background Information

Ubiquitin is a highly conserved eukaryotic protein that is synthesized as a fusion protein precursor, either to itself or to one of two ribosomal proteins. USP15, is also named as KIAA0529, Unph-2, Unph4, encoding a human ubiquitin-specific protease (USP). The USP15 protein contains the highly conserved Cys and His boxes present in all members of the UBP family of deubiquitinating enzymes (PMID:10444327). It has 3 isoforms produced by alternative splicing.

Notable Publications

Author	Pubmed ID	Journal	Application
Xiaohong Xia	33771975	Cell Death Dis	WB, IF

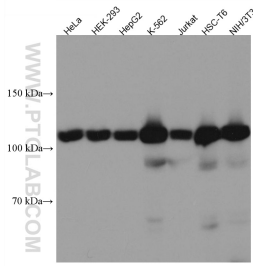
Storage

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

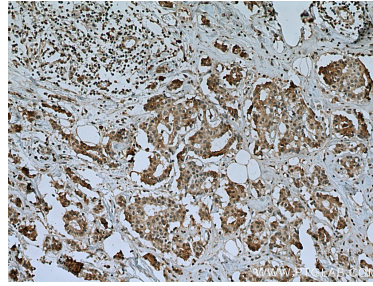
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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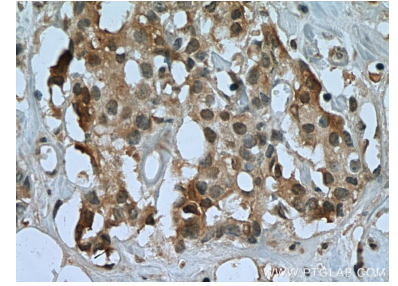
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67557-1-Ig (USP15 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 67557-1-Ig (USP15 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 67557-1-Ig (USP15 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).