

For Research Use Only

UBA52 Polyclonal antibody

Catalog Number: 18039-1-AP **2 Publications**



Basic Information

Catalog Number: 18039-1-AP	GenBank Accession Number: BC101830	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 200 ug/ml by Nanodrop and 160 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 7311	Recommended Dilutions: IHC 1:50-1:500
Source: Rabbit	UNIPROT ID: P62987	
Isotype: IgG	Full Name: ubiquitin A-52 residue ribosomal protein fusion product 1	
Immunogen Catalog Number: AG12669	Calculated MW: 128 aa, 15 kDa	

Applications

Tested Applications: IHC, ELISA	Positive Controls: IHC : mouse ovary tissue, human kidney tissue, human placenta tissue, human ovary tissue
Cited Applications: WB	
Species Specificity: human	
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 nuclear and cytoplasmic protein that has a major role in targeting cellular proteins for degradation by the 26S proteasome. It is also involved in the maintenance of chromatin structure, the regulation of gene expression, and the stress response. Ubiquitin is synthesized as a precursor protein consisting of either polyubiquitin chains or a single ubiquitin moiety fused to an unrelated protein. UBA52 is a fusion protein consisting of ubiquitin at the N terminus and ribosomal protein L40 at the C terminus, a C-terminal extension protein (CEP). Multiple processed pseudogenes derived from this gene are present in the genome.

Notable Publications

Author	Pubmed ID	Journal	Application
Ruochen Zhang	34966246	Mediators Inflamm	WB
Yuan Tian	24367661	PLoS One	WB

Storage

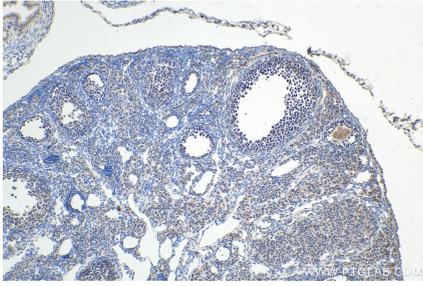
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

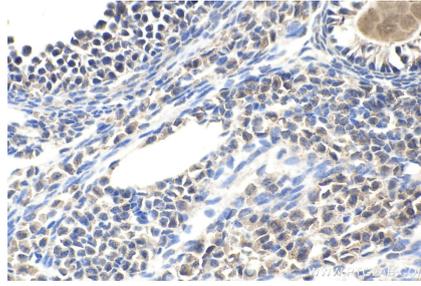
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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Selected Validation Data



Immunohistochemical analysis of paraffin-embedded mouse ovary tissue slide using 18039-1-AP (UBA52 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse ovary tissue slide using 18039-1-AP (UBA52 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).