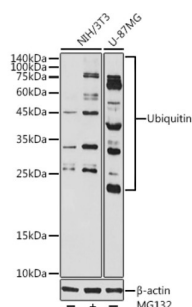
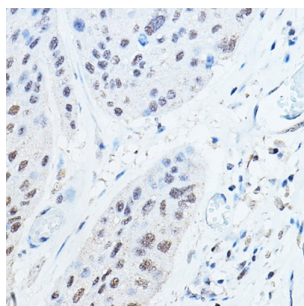


Polyubiquitin-B (UBB) Antibody

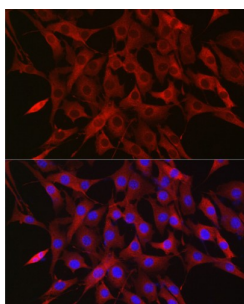
Catalogue No.: abx001741



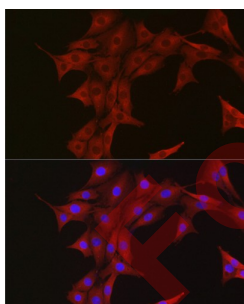
Western blot analysis of extracts of various cell lines using Ubiquitin Antibody (1/1000 dilution). NIH/3T3 cells were treated by MG132 (50 μ M) at 37°C for 90 minutes.



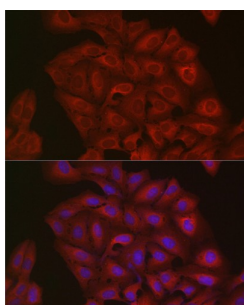
Immunohistochemistry of paraffin-embedded human esophageal cancer using Ubiquitin Antibody (1/100 dilution, 40x lens). High pressure antigen retrieval was performed in 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Immunofluorescence analysis of NIH/3T3 cells using Ubiquitin Antibody (1/50 dilution, 40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of PC-12 cells using Ubiquitin Antibody (1/50 dilution, 40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of U2OS cells using Ubiquitin Antibody (1/50 dilution, 40x lens). Blue: DAPI for nuclear staining.

Datasheet

Version: 3.0.0
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UBB Antibody is a Rabbit Polyclonal antibody against UBB. This gene encodes ubiquitin, one of the most conserved proteins known. Ubiquitin 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. This gene consists of three direct repeats of the ubiquitin coding sequence with no spacer sequence. Consequently, the protein is expressed as a polyubiquitin precursor with a final amino acid after the last repeat. An aberrant form of this protein has been detected in patients with Alzheimer's disease and Down syndrome. Pseudogenes of this gene are located on chromosomes 1, 2, 13, and 17. Alternative splicing results in multiple transcript variants.

Target:	Polyubiquitin-B (UBB)
Clonality:	Polyclonal
Reactivity:	Human, Mouse, Rat
Tested Applications:	WB, IHC, IF/ICC
Host:	Rabbit
Recommended dilutions:	WB: 1/500 - 1/2000, IHC-P: 1/50 - 1/200, IF/ICC: 1/50 - 1/200. Not tested in IHC-F. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Recombinant fusion protein corresponding to human Ubiquitin
Isotype:	IgG
Form:	Liquid
Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P0CG47 (UniProt , ExPASy)
Gene Symbol:	UBB
GeneID:	7314
OMIM:	191339
NCBI Accession:	BAC56955.1
HGNC:	12463

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KEGG: hsa:7314

Ensembl: ENSG00000170315

String: [9606.ENSP00000304697](#)

Molecular Weight: Calculated MW: 25 kDa
Observed MW: 20-150 kDa

Buffer: PBS, pH 7.3, containing 0.05% Proclin-300, 50% glycerol.

Concentration: 1 mg/ml

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only