

Anti- UBB Rabbit pAb

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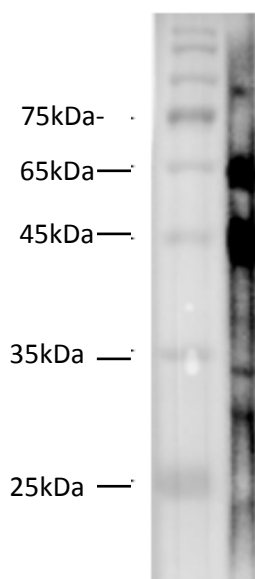
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Only For Research. Not For Diagnosis.

Synonyms:	Polyubiquitin B, UBB, ubiquitin, ubiquitin B
Attribute:	Rabbit Polyclonal Antibody
Isotype:	IgG
Purity:	Antigen Affinity Purification
Application:	ELISA, WB, IP, IF
Calculated MW:	26kDa
Observed MW:	Ladder
Reactivity:	Human, Mouse, Rat, Zebra fish
Immunogen:	Recombinant Ubiquitin Protein
Buffer:	PBS with 0.1% sodium azide and 50% glycerol, pH 7.2
Storage:	Store at -20°C. Do not aliquot
Recommended Dilution:	WB: 1:2000-5000 IP: 3ug/Sample IF: 1:100-200



Western blot of Zebra fish whole lysates with anti-UBB at dilution of 1:1000

Background:

Ubiquitin, a small (76 aa) protein found in all cells of higher organisms and one with a structure that has changed minimally during evolutionary history; involved in at least two processes; histone modification and intracellular protein breakdown. Ubiquitin B is required for ATP-dependent, non-lysosomal intracellular protein degradation of abnormal proteins and normal proteins with a rapid turnover. Ubiquitin B is covalently bound to proteins to be degraded, and presumably labels these proteins for degradation. Ubiquitin also binds to histone H2A in actively transcribed regions but does not cause histone H2A degradation, suggesting that ubiquitin is also involved in regulation of gene expression.

We focus on precise protein quantification