

Polyubiquitin-B (UBB) Antibody

Catalogue No.: abx117218

UBB Antibody is a Rabbit Polyclonal antibody against UBB. Ubiquitin can be covalently linked to many cellular proteins by the ubiquitination process, which targets proteins for degradation by the 26S proteasome. Three components are involved in the target protein-ubiquitin conjugation process. Ubiquitin is first activated by forming a thiolester complex with the ubiquitin-activating enzyme (UBE1 or E1). The activated ubiquitin is subsequently transferred to the ubiquitin-carrier protein E2, and then from E2 to ubiquitin ligase E3 for final delivery to the ϵ -amino group of the target protein lysine residue. Combinatorial interactions of different E2 and E3 proteins result in substrate specificity. UBE1 has two isoforms: UBE1a is a nuclear protein of 117 kDa while UBE1b is a nuclear and cytoplasmic protein of 110 kDa.

Target:	UBB
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Tested Applications:	ELISA, WB, IHC, IF/ICC, FCM
Recommended dilutions:	WB: 1/1000 - 1/2000, IHC: 1/100 - 1/200, ICC: 1/100 - 1/200, FCM: 1/50 - 1/200. Optimal dilutions/concentrations should be determined by the end user.
Purification:	Affinity Chromatography.
Form:	Liquid
Isotype:	IgG
Conjugation:	Unconjugated
Storage:	Aliquot and store at -20 °C. Avoid repeated freeze/thaw cycles.
Swiss Prot:	P0CG47
GeneID:	7314
Gene Symbol:	UBB
Buffer:	PBS, pH7.3, containing 0.02% sodium azide and 50% Glycerol.
Note:	This product is for research use only.