



Anti-Ubiquitin+1 polyclonal antibody (DPAB2686)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Rabbit polyclonal to human ubiquitin+1.
Antigen Description	Ubiquitin+1 (Ub+1) is a novel mutant form of ubiquitin that can be produced through a process known as molecular frame shift. Ub+1 can be polyubiquitinated to produce aberrant polyubiquitin chains that inhibit the 26S proteasome. Especially ub+1 is accumulated in aggregates containing amyloid- β and phosphorylated-tau. Elevated expression of Ub+1 mRNA and protein has been observed in the brains of patients with Alzheimer's disease. Also Ub+1 acts as an aggravating factor in polyglutamine induced neurodegeneration.
Immunogen	Synthetic peptide
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB, IP
Cellular Localization	Cytoplasm Nucleus
Positive Control	Bosc23 cell transfected with GFP-Ub+1.
Format	HEPES with 0.15M NaCl, 0.01% BSA, 0.03% sodium azide, and 50% glycerol.
Concentration	1 mg/ml
Size	100 μ l

Preservative	0.03% Sodium Azide
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Storage	Store for 1 year at -20 °C from date of shipment.
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BACKGROUND

Introduction	Ubiquitin is a small regulatory protein that has been found in almost all tissues (ubiquitously) of eukaryotic organisms. Among other functions, it directs protein recycling.
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Keywords	Ubiquitin+1; Ub+1; FLJ25987; MGC8385; Polyubiquitin B; RPS27A; UBA52; UBA80; UBB; UBC; UBCEP1; UBCEP2; Ubiquitin; ubiquitin B
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