



Ub rabbit pAb

Cat No.:ES4228

For research use only

Overview

Product Name	Ub rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications.
Immunogen	Synthesized peptide derived from the N-terminal region of human Ub.
Specificity	Ub Polyclonal Antibody detects endogenous levels of Ub protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Ubiquitin
Gene Name	UBA52/RPS27A/UBB/UBC
Cellular localization	[Ubiquitin]: Cytoplasm . Nucleus .; [60S ribosomal protein L40]: Cytoplasm .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	80 50kD
Human Gene ID	
Human Swiss-Prot Number	P62987/P62979/P0CG47/P0CG48
Alternative Names	UBB; Polyubiquitin-B; UBC; Polyubiquitin-C; RPS27A; UBA80; UBCEP1; Ubiquitin-40S ribosomal protein S27a; Ubiquitin carboxyl extension protein 80; UBA52; UBCEP2; Ubiquitin-60S ribosomal protein L40; CEP52; Ubiquitin A-52 residue ribosomal protein fusion pr
Background	Ubiquitin is a highly conserved nuclear and cytoplasmic protein that has a major role in

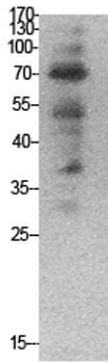




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targeting cellular proteins for degradation by the 26S proteasome. It is also involved in the maintenance of chromatin structure, the regulation of gene expression, and the stress response. Ubiquitin is synthesized as a precursor protein consisting of either polyubiquitin chains or a single ubiquitin moiety fused to an unrelated protein. This gene encodes 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. [provided by RefSeq, Jul 2008],

Western Blot analysis of HepG2, HeLa cells using Ub Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



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