



# Ub (Acetyl Lys48) rabbit pAb

Cat No.:ES1131

For research use only

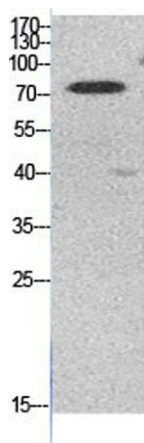
## Overview

<b>Product Name</b>	Ub (Acetyl Lys48) rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;ELISA
<b>Species Cross-Reactivity</b>	Human;Mouse;Rat
<b>Recommended dilutions</b>	Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications.
<b>Immunogen</b>	Synthesized acetyl-peptide derived from the human Ub around the acetylation site of K48.
<b>Specificity</b>	Acetyl-Ub (K48) Polyclonal AntibodySynthesized peptide derived from the human Ub around the acetylation site of K48.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Ubiquitin
<b>Gene Name</b>	UBA52/RPS27A/UBB/UBC
<b>Cellular localization</b>	[Ubiquitin]: Cytoplasm . Nucleus .; [60S ribosomal protein L40]: Cytoplasm .
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	80kD
<b>Human Gene ID</b>	
<b>Human Swiss-Prot Number</b>	P62987/P62979/P0CG47/P0CG48
<b>Alternative Names</b>	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
<b>Background</b>	Ubiquitin is a highly conserved nuclear and

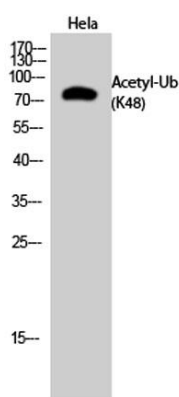




cytoplasmic protein that has a major role in targeting cellular proteins for degradation by the 26S proteasome. It is also involved in the maintenance of chromatin structure, the regulation of gene expression, and the stress response. Ubiquitin is synthesized as a precursor protein consisting of either polyubiquitin chains or a single ubiquitin moiety fused to an unrelated protein. This gene 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 HeLa cells using Acetyl-Ub (K48) Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



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