



UBC rabbit pAb

Catalog No	YP-Ab-08584
Isotype	IgG
Reactivity	Human; Mouse; Rat
Applications	WB
Gene Name	UBC
Immunogen	Synthesized peptide derived from human UBC AA range: 160-210
Specificity	This antibody detects endogenous levels of UBC at Human/Mouse/Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit, IgG
Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	HMG2; Polyubiquitin C; UBC; ubiquitin C
Observed Band	
Calculated Molecular Weight	
Cell Pathway	[Ubiquitin]: Cytoplasm . Nucleus . Mitochondrion outer membrane ; Peripheral membrane protein .
Tissue Specificity	
Function	function: Protein modifier which can be covalently attached to target lysines either as a monomer or as a lysine-linked polymer. Attachment to proteins as a Lys-48-linked polymer usually leads to their degradation by proteasome. Attachment to proteins as a monomer or as an alternatively linked polymer does not lead to proteasomal degradation and may be required for numerous functions, including maintenance of chromatin structure, regulation of gene expression, stress response, ribosome biogenesis and DNA repair., miscellaneous: This ribosomal protein is synthesized as a C-terminal extension protein (CEP) of ubiquitin., miscellaneous: Ubiquitin is synthesized as a polyubiquitin precursor with exact head to tail repeats, the number of repeats differ between species and strains. In some species there is a final amino-acid after the last repeat, here in human a Val. Some ubiquitin genes contain a



Background

This gene represents a ubiquitin gene, ubiquitin C. The encoded protein is a polyubiquitin precursor. Conjugation of ubiquitin monomers or polymers can lead to various effects within a cell, depending on the residues to which ubiquitin is conjugated. Ubiquitination has been associated with protein degradation, DNA repair, cell cycle regulation, kinase modification, endocytosis, and regulation of other cell signaling pathways. [provided by RefSeq, Aug 2010],

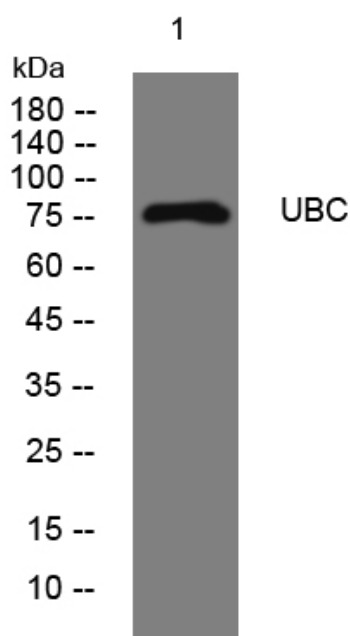
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western blot analysis of lysates from 293T cells, primary antibody was diluted at 1:1000, 4° over night