



UBP10 Polyclonal Antibody

Catalog No	YP-Ab-06334
Isotype	IgG
Reactivity	Human;Rat;Mouse
Applications	WB;ELISA
Gene Name	USP10 KIAA0190
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	UBP10 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Deubiquitinating enzyme 10;EC:3.4.19.12;KIAA0190;Ubiquitin carboxyl-terminal hydrolase 10;Ubiquitin-specific-processing protease 10;UBP10;USP10 KIAA0190;Ubiquitin carboxyl-terminal hydrolase 10 (EC 3.4.19.12) (Deubiquitinating enzyme 10) (Ubiquitin thioesterase 10) (Ubiquitin-specific-processing protease 10)
Observed Band	100-130 kDa
Calculated Molecular Weight	87 kDa, 92 kDa
Cell Pathway	Cytoplasm . Nucleus . Early endosome . Cytoplasmic in normal conditions (PubMed:20096447). After DNA damage, translocates to the nucleus following phosphorylation by ATM (PubMed:20096447). .
Tissue Specificity	Widely expressed.
Function	catalytic activity:Ubiquitin C-terminal thioester + H(2)O = ubiquitin + a thiol., function:Ubiquitin specific protease are required to remove ubiquitin from specific proteins or peptides to which ubiquitin is attached.,similarity:Belongs to the peptidase C19 family.,subunit:Interacts with G3BP, which may regulate its function.,tissue specificity:Widely expressed.,

**Background**

Ubiquitin is a highly conserved protein that is covalently linked to other proteins to regulate their function and degradation. This gene encodes a member of the ubiquitin-specific protease family of cysteine proteases. The enzyme specifically cleaves ubiquitin from ubiquitin-conjugated protein substrates. The protein is found in the nucleus and cytoplasm. It functions as a co-factor of the DNA-bound androgen receptor complex, and is inhibited by a protein in the Ras-GTPase pathway. The human genome contains several pseudogenes similar to this gene. Several transcript variants, some protein-coding and others not protein-coding, have been found for this gene. [provided by RefSeq, Jan 2013],

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