



UBP10 Polyclonal Antibody

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| Catalog No | YP-Ab-06334 |
| Isotype | IgG |
| Reactivity | Human;Rat;Mouse |
| Applications | WB;ELISA |
| Gene Name | USP10 KIAA0190 |
| Protein Name | Ubiquitin carboxyl-terminal hydrolase 10 (EC 3.4.19.12) (Deubiquitinating enzyme 10) (Ubiquitin thioesterase 10) (Ubiquitin-specific-processing protease 10) |
| 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 | |
| Observed Band | 87kD |
| 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