



UBP14 Polyclonal Antibody

Catalog No	YP-Ab-06336
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB;ELISA
Gene Name	USP14 TGT
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	UBP14 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	3G12;Deubiquitinating enzyme 14;EC:3.4.19.12;TGT;Ubiquitin carboxyl-terminal hydrolase 14;UBP14;USP14 TGT;Ubiquitin carboxyl-terminal hydrolase 14 (EC 3.4.19.12) (Deubiquitinating enzyme 14) (Ubiquitin thioesterase 14) (Ubiquitin-specific-processing protease 14)
Observed Band	60 kDa
Calculated Molecular Weight	54 kDa
Cell Pathway	Cytoplasm . Cell membrane ; Peripheral membrane protein .
Tissue Specificity	Placenta,Skin,
Function	catalytic activity:Ubiquitin C-terminal thioester + H(2)O = ubiquitin + a thiol., caution:The sequence shown here is derived from an Ensembl automatic analysis pipeline and should be considered as preliminary data.,caution:Was originally (Ref.1) thought to be a queuine tRNA-ribosyltransferase., similarity:Belongs to the peptidase C19 family.,similarity:Contains 1 ubiquitin-like domain.,subunit:Homodimer .,
Background	This gene encodes a member of the ubiquitin-specific processing (UBP) family of proteases that is a deubiquitinating enzyme (DUB) with His and Cys domains. This protein is located in the cytoplasm and cleaves the ubiquitin moiety from



ubiquitin-fused precursors and ubiquitinated proteins. Mice with a mutation that results in reduced expression of the ortholog of this protein are retarded for growth, develop severe tremors by 2 to 3 weeks of age followed by hindlimb paralysis and death by 6 to 10 weeks of age. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq, Jul 2008],

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