



USP15 Polyclonal Antibody

Catalog No	YP-Ab-02828
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB;ELISA
Gene Name	USP15
Immunogen	The antiserum was produced against synthesized peptide derived from human USP15. AA range:81-130
Specificity	USP15 Polyclonal Antibody detects endogenous levels of USP15 protein.
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 antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Deubiquitinating enzyme 15;EC:3.4.19.12;KIAA0529;Ubiquitin carboxyl-terminal hydrolase 15;Ubiquitin thioesterase 15;USP15;Ubiquitin-specific-processing protease 15;Unph-2;Unph4
Observed Band	115kD
Calculated Molecular Weight	115kD
Cell Pathway	Cytoplasm . Nucleus . Mitochondrion .
Tissue Specificity	Expressed in skeletal muscle, kidney, heart, placenta, liver, thymus, lung, and ovary, with little or no expression in other tissues.
Function	catalytic activity:Ubiquitin C-terminal thioester + H(2)O = ubiquitin + a thiol., similarity:Belongs to the peptidase C19 family.,similarity:Contains 1 DUSP domain.,tissue specificity:Expressed in skeletal muscle, kidney, heart, placenta, liver, thymus, lung, and ovary, with little or no expression in other tissues.,
Background	This gene encodes a member of the ubiquitin specific protease (USP) family of deubiquitinating enzymes. USP enzymes play critical roles in ubiquitin-dependent processes through polyubiquitin chain disassembly and hydrolysis of ubiquitin-substrate bonds. The encoded protein associates with the COP9



signalosome, and also plays a role in transforming growth factor beta signalling through deubiquitination of receptor-activated SMAD transcription factors. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene, and a pseudogene of this gene is located on the long arm of chromosome 2. [provided by RefSeq, Nov 2011],

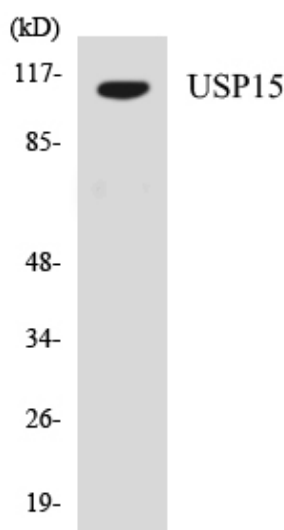
matters needing attention

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 the lysates from HeLa cells using USP15 antibody.