

## **USP15 Polyclonal Antibody**

Catalog No: YT4830

**Reactivity:** Human; Mouse; Rat

**Applications:** WB;ELISA

Target: USP15

Fields: >>Mitophagy - animal

Gene Name: USP15

**Protein Name:** Ubiquitin carboxyl-terminal hydrolase 15

Human Gene ld: 9958

**Human Swiss Prot** 

Q9Y4E8

No:

Mouse Gene Id: 14479

**Mouse Swiss Prot** 

Q8R5H1

No:

Rat Swiss Prot No: Q9R085

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

**Dilution:** WB 1:500 - 1:2000. ELISA: 1:10000. Not yet tested in other applications.

**Purification:** The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

**Concentration**: 1 mg/ml

**Storage Stability:** -15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band: 115kD

**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],

**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.,

Subcellular Location:

Cytoplasm . Nucleus . Mitochondrion .

**Expression:** Expressed in skeletal muscle, kidney, heart, placenta, liver, thymus, lung, and

ovary, with little or no expression in other tissues.

**Sort**: 24002

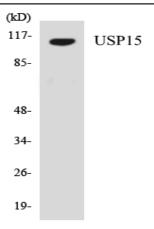
No4:

**Host:** Rabbit

Modifications: Unmodified

## **Products Images**

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Western blot analysis of the lysates from HeLa cells using USP15 antibody.