

UBP18 rabbit pAb

Catalog No: YT7591

Reactivity: Human; Mouse

Applications: WB

Target: UBP18

Gene Name: USP18 ISG43

Q9UMW8

Q9WTV6

Protein Name: UBP18

Human Gene Id: 11274

Human Swiss Prot

No:

Mouse Gene Id: 24110

Mouse Swiss Prot

No:

Immunogen: Synthesized peptide derived from human UBP18 AA range: 66-116

Specificity: This antibody detects endogenous levels of UBP18 at Human/Mouse

Formulation: Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Source: Polyclonal, Rabbit, IgG

Dilution: WB 1 ? 500-2000

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)

Molecularweight: 41

41kD

Background:

The protein encoded by this gene belongs to the ubiquitin-specific proteases (UBP) family of enzymes that cleave ubiquitin from ubiquitinated protein substrates. It is highly expressed in liver and thymus, and is localized to the nucleus. This protein efficiently cleaves only ISG15 (a ubiquitin-like protein) fusions, and deletion of this gene in mice results in a massive increase of ISG15 conjugates in tissues, indicating that this protein is a major ISG15-specific protease. Mice lacking this gene are also hypersensitive to interferon, suggesting a function of this protein in downregulating interferon responses, independent of its isopeptidase activity towards ISG15. [provided by RefSeq, Sep 2011],

Function:

catalytic activity:ISG15 C-terminal thiolester + H(2)O = ISG15 + a thiol.,catalytic activity:Ubiquitin C-terminal thioester + H(2)O = ubiquitin + a thiol.,function:Can efficiently cleave only ISG15 fusions including native ISG15 conjugates linked via isopeptide bonds. Necessary to maintain a critical cellular balance of ISG15-conjugated proteins in both healthy and stressed

ISG15-conjugated proteins in both healthy and stressed organisms., similarity: Belongs to the peptidase C19 family.,

Subcellular Location:

[Isoform 1]: Cytoplasm .; [Isoform 2]: Nucleus . Cytoplasm .

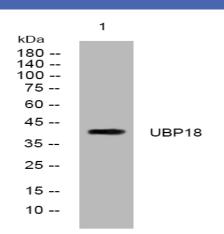
Sort : 23887

No4:

Host: Rabbit

Modifications: Unmodified

Products Images



Western blot analysis of lysates from THP-1 cells, primary antibody was diluted at 1:1000, 4° over night