

Product datasheet for **TA339338**

UBP43 (USP18) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-USP18 antibody: synthetic peptide directed towards the N terminal of human USP18. Synthetic peptide located within the following region: MQDSRQKAVRPLELAYCLQKCNVPLFVQHDAALYKLWNLIKDQITDVH
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Concentration:	lot specific
Purification:	Protein A purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	43 kDa
Gene Name:	ubiquitin specific peptidase 18
Database Link:	NP_059110 Entrez Gene 24110 Mouse Entrez Gene 11274 Human Q9UMW8



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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]

Synonyms:

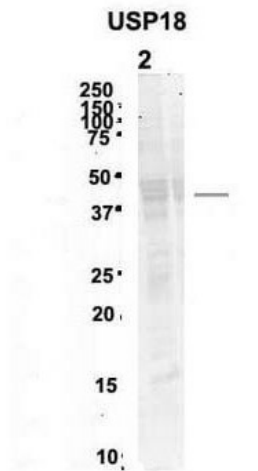
ISG43; UBP43

Note:

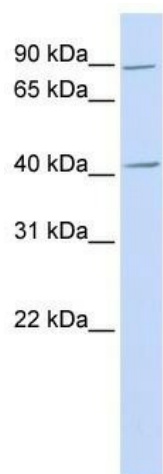
Immunogen Sequence Homology: Human: 100%; Pig: 93%; Guinea pig: 93%; Rabbit: 92%; Dog: 86%; Horse: 86%; Rat: 85%; Mouse: 85%; Bovine: 79%

Protein Families:

Druggable Genome, Protease

Product images:

USP18 antibody - N-terminal region validated by WB using Mouse Brain lysate at 2 ug/ml.



WB Suggested Anti-USP18 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1: 62500; Positive Control: Hela cell lysate