

Rabbit USP18 Polyclonal Antibody | anti-USP18 antibody

USP18 Polyclonal Antibody

CATALOG # AAA177420	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence
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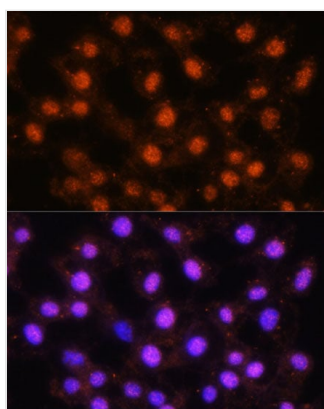
PRODUCT SYNONYMS

USP18; Polyclonal Antibody; USP18 Polyclonal Antibody; ISG43; UBP43; PTORCH2; anti-USP18 antibody

PRODUCT SPECIFICATIONS

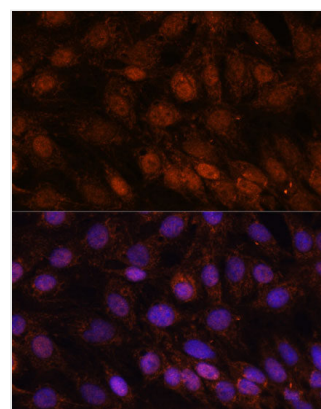
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-USP18 antibody	IF (Immunofluorescence)
Immunogen	Recombinant fusion protein of human USP18 (NP_0591102)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



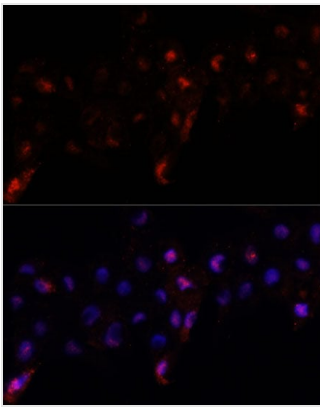
IF (Immunofluorescence)

Immunofluorescence analysis of L929 cells using USP18 Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



IF (Immunofluorescence)

Immunofluorescence analysis of C6 cells using USP18 Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



IF (Immunofluorescence)

Immunofluorescence analysis of A431 cells using USP18 Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.

ADDITIONAL INFORMATION

Related Product Information for anti-USP18 antibody	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.
Product Categories/Family for anti-USP18 antibody	Polyclonal Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	32313610
NCBI GeneID	11274
NCBI Accession #	NP_059110.2
NCBI GenBank Nucleotide #	NM_017414.3
UniProt Accession #	Q9UMW8 ; Q6IAD9 ; Q9NY71
Molecular Weight	43,011 Da
NCBI Official Full Name	ubl carboxyl-terminal hydrolase 18
NCBI Official Synonym Full Names	ubiquitin specific peptidase 18
NCBI Official Symbol	USP18
NCBI Official Synonym Symbols	ISG43; UBP43
NCBI Protein Information	ubl carboxyl-terminal hydrolase 18; hUBP43; ubl thioesterase 18; ubl thiolesterase 18; 43 kDa ISG15-specific protease; ubiquitin specific protease 18; ISG15-specific-processing protease
UniProt Protein Name	Ubl carboxyl-terminal hydrolase 18
UniProt Gene Name	USP18
UniProt Synonym Gene Names	ISG43; hUBP43
UniProt Entry Name	UBP18_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

