



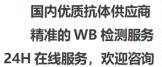
HAUSP Monoclonal Antibody

Catalog No BYab-02350 Isotype IgG Reactivity Human;Mouse;Rat;Dog;Pig Applications WB;IF Gene Name USP7 Protein Name Ubiquitin carboxyl-terminal hydrolase 7 Immunogen Purified recombinant human HAUSP (C-terminus) protein fragments expressed in E.coli. Specificity HAUSP Monoclonal Antibody detects endogenous levels of HAUSP protein. Formulation Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.2% sodium azide, 50% glycerol. Source Monoclonal, Mouse Purification Affinity purification Dilution Western Blot: 1/1000 - 1/2000. Immunofluorescence: 1/100 - 1/500. Not yet tested in other applications. Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms USP7; HAUSP; Ubiquitin carboxyl-terminal hydrolase 7; Deubiquitinating enzyme 7; Herpesvirus-associated ubiquitin-specific protease; Ubiquitin thioesterase 7; Ubiquitin calear bodies. Association with ICPO/MW101 at early times of infection leads to an increased proportion of USP7-containing M101. Colocalizes with ATXN1 in the nucleus. Colocalized with DAXX in speckled structures. Colocalized with ATXN1 in the nucleus. Colocalized with DAXX in speckled structures. Colocalized with DAXX in s		
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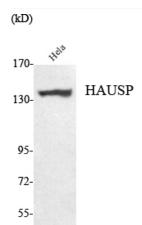


	Deubiquitinates TP53/p53 and MDM2 and strongly stabilizes TP53 even in the presence of excess MDM2, and also induces TP53-dependent cell growth repression and apoptosis.,PTM:Polyneddylated.,PTM:Polyubiquitinated.,similarity:Belongs to the peptidase C19 family.,similarity:Contains 1 MATH domain.,subcellular location:Present in a minority of ND10 nuclear bodies. Association with VMW110 at early times of infection leads to an increased proportion of USP7-containing ND10. Colocalizes with ATXN1 in the nucleus.,subunit:Monomer. Interacts with TP53, MDM2 and UBXN6. Interacts with herpesvirus
Background	The protein encoded by this gene belongs to the peptidase C19 family, which includes ubiquitinyl hydrolases. This protein deubiquitinates target proteins such as p53 (a tumor suppressor protein) and WASH (essential for endosomal protein recycling), and regulates their activities by counteracting the opposing ubiquitin ligase activity of proteins such as HDM2 and TRIM27, involved in the respective process. Mutations in this gene have been implicated in a neurodevelopmental disorder. [provided by RefSeq, Mar 2016],
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.

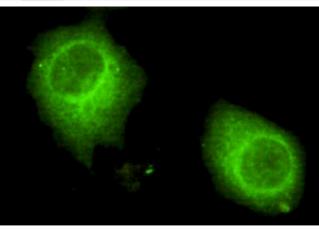




Products Images



Western Blot analysis using HAUSP Monoclonal Antibody against HeLa cell lysate.



Immunofluorescence analysis of HeLa cells using HAUSP Monoclonal Antibody.

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