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Anti-USP32 Antibody
Rabbit polyclonal antibody to USP32
Catalog # AP60122

Specification

Anti-USP32 Antibody - Product Information

Application	**WB, IHC**
Primary Accession	Q8NFA0
Reactivity	**Human, Mouse, Rat, SARS, Dog**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**181656**

Anti-USP32 Antibody - Additional Information

Gene ID 84669

Other Names
USP10; Ubiquitin carboxyl-terminal hydrolase 32; Deubiquitinating enzyme 32; Renal carcinoma antigen NY-REN-60; Ubiquitin thioesterase 32; Ubiquitin-specific-processing protease 32

Target/Specificity
Recognizes endogenous levels of USP32 protein.

Dilution
WB~~WB (1/500 - 1/1000), IH (1/100 - 1/200)
IHC~~1:100~500

Format
Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

Storage
Store at -20 °C.Stable for 12 months from date of receipt

Anti-USP32 Antibody - Protein Information

Name USP32

Synonyms USP10

Function
Deubiquitinase that can remove conjugated ubiquitin from target proteins, such as RAB7A and LAMTOR1 (PubMed:36476874). Acts as a positive regulator of the mTORC1 signaling by mediating deubiquitination of LAMTOR1, thereby promoting the association between LAMTOR1 and the lysosomal V-ATPase complex and subsequent activation of the mTORC1 complex (PubMed:36476874).

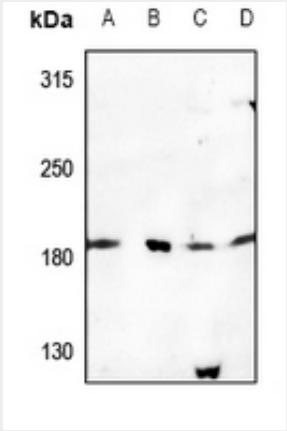
Cellular Location
Golgi apparatus membrane; Lipid-anchor

Anti-USP32 Antibody - Protocols

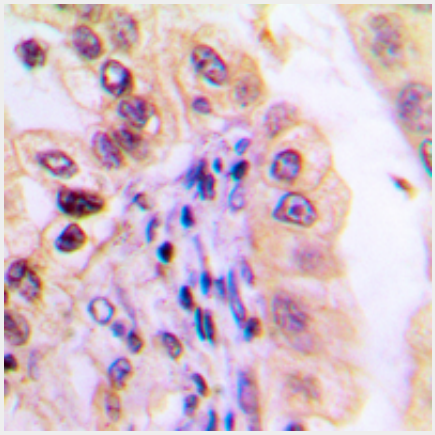
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Anti-USP32 Antibody - Images



Western blot analysis of USP32 expression in A549 (A), MCF7 (B), PC12 (C), AML12 (D) whole cell lysates.



Immunohistochemical analysis of USP32 staining in human lung cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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Anti-USP32 Antibody - Background

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human USP32. The exact sequence is proprietary.