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# Anti-USP32 Antibody

Rabbit polyclonal antibody to USP32
Catalog # AP60122

## Product Information

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

## Additional Information

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|---|---|
| **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** | KLH-conjugated synthetic peptide encompassing a sequence within the center region of human USP32. The exact sequence is proprietary. |
| **Dilution** | WB~~WB (1/500 - 1/1000), IHC (1/100 - 1/200) IHC~~WB (1/500 - 1/1000), IHC (1/100 - 1/200) |
| **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 |

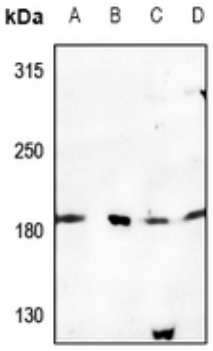
## Protein Information

| | |
|---|---|
| **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 |

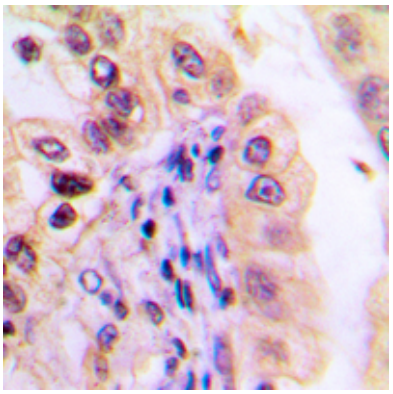
## Background

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

## 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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.