

RACO0424

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## Product Information

**Size:**

50ul

**Reactivity:**

Human

**Source:**

Homo sapiens (Human)

**Isotype:**

Rabbit IgG

**Applications:**

ELISA, WB, IHC, IF

**Recommended dilutions:**

WB:1:500-1:5000, IHC:1:50-1:200, IF:1:20-1:200

**Protein Background:**

Hydrolase that deubiquitinates target proteins such as FOXO4, p53/TP53, MDM2, ERCC6, DNMT1, UHRF1, PTEN and DAXX . Together with DAXX, prevents MDM2 self-ubiquitination and enhances the E3 ligase activity of MDM2 towards p53/TP53, thereby promoting p53/TP53 ubiquitination and proteasomal degradation . Deubiquitinates p53/TP53, preventing degradation of p53/TP53, and enhances p53/TP53-dependent transcription regulation, cell growth repression and apoptosis.

**Gene ID:**

USP7

**Uniprot**

Q93009

**Synonyms:**

Ubiquitin carboxyl-terminal hydrolase 7 (EC 3.4.19.12) (Deubiquitinating enzyme 7) (Herpesvirus-associated ubiquitin-specific protease) (Ubiquitin thioesterase 7) (Ubiquitin-specific-processing protease 7), USP7, HAUSP

**Immunogen:**

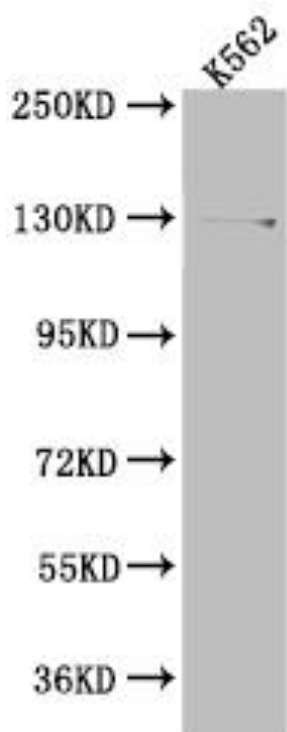
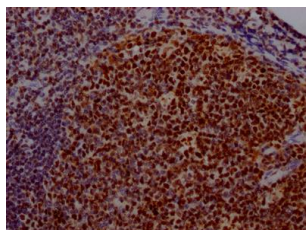
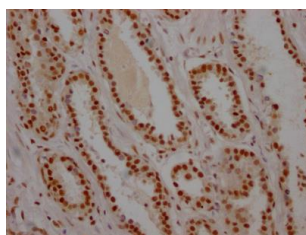
A synthesized peptide derived from human HAUSP / USP7.

**Storage:**

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

## Product Images

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IHC image of RACO0424 diluted at 1:100 and staining in paraffin-embedded human prostate cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a Goat anti-rabbit IgG polymer labeled by HRP and visualized using 0.05% DAB.

IHC image of RACO0424 diluted at 1:100 and staining in paraffin-embedded human tonsil tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a Goat anti-rabbit IgG polymer labeled by HRP and visualized using 0.05% DAB.

### Western Blot

Positive WB detected in( K562 whole cell lysate) All lanes: HAUSP antibody at 1:1000

Secondary

Goat polyclonal to rabbit IgG at 1:50000 dilution

Predicted band size: 129, 127 kDa

Observed band size: 140 kDa