10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

USP17L24 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP5491b

Specification

USP17L24 Antibody (C-term) - Product Information

Application	**IHC-P-Leica, IF, WB, FC,E**
Primary Accession	Q0WX57
Other Accession	C9JPN9, D6RA61, D6R901, D6RJB6, D6RCP7, D6R9N7, D6RBQ6, C9J2P7, C9JLJ4, C9JVI0, A8MUK1, XP_001130410.1
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Antigen Region	**496-524**

USP17L24 Antibody (C-term) - Additional Information

Gene ID 728369;728373;728379;728393;728400;728405;728419

Other Names
Ubiquitin carboxyl-terminal hydrolase 17-like protein 24, Deubiquitinating enzyme 17, Ubiquitin thioesterase 17, Ubiquitin-specific-processing protease 17, USP17L24

Target/Specificity
This USP17L24 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 496-524 amino acids from the C-terminal region of human USP17L24.

Dilution
IHC-P-Leica~~1:500
IF~~1:25
WB~~1:1000
FC~~1:10~50
E~~Use at an assay dependent concentration.

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
USP17L24 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

USP17L24 Antibody (C-term) - Protein Information

Name USP17L24

Function Deubiquitinating enzyme that removes conjugated ubiquitin from specific proteins to regulate different cellular processes that may include cell proliferation, progression through the cell cycle, apoptosis, cell migration, and the cellular response to viral infection.

Cellular Location
Nucleus, nucleolus. Endoplasmic reticulum

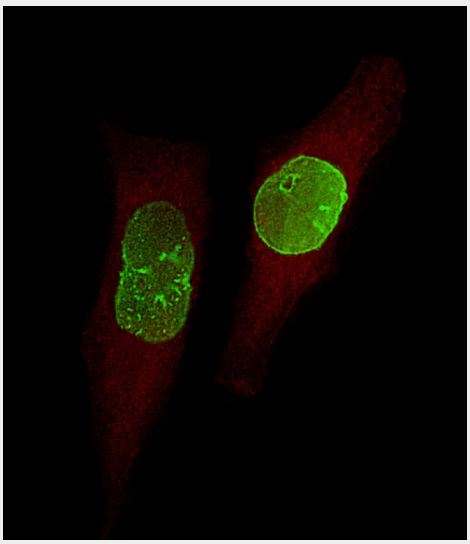
Tissue Location
Expressed in heart, brain, liver and skeletal muscle.

USP17L24 Antibody (C-term) - 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

USP17L24 Antibody (C-term) - Images



Immunofluorescent analysis of 4% paraformaldehyde-fixed, 0. 1% Triton X-100 permeabilized U-251 MG cells labeling USP17L24 with AP5491b at 1/25 dilution, followed by Dylight® 488-conjugated goat anti-Rabbit IgG secondary antibody at 1/200 dilution (green). Immunofluorescence image showing Nucleus staining on U-251 MG cell line. Cytoplasmic actin is detected with Dylight® 554 Phalloidin(red). The nuclear counter stain is DAPI (blue).

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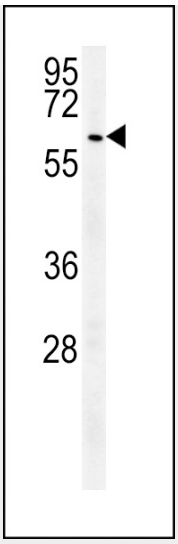
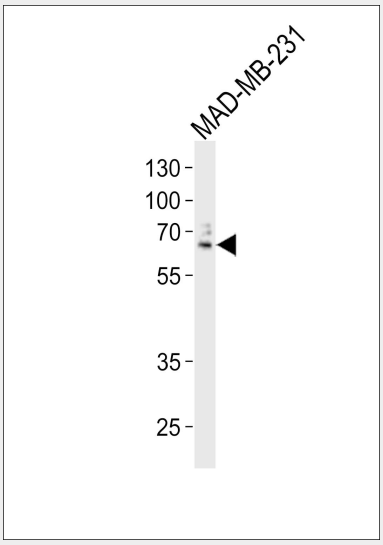


USP17L24 Antibody (C-term) (Cat.#AP5491b) western blot analysis in HepG2 cell line lysates (35ug/lane).This demonstrates the USP17L24 antibody detected the USP17L24 protein (arrow).



Western blot analysis of lysate from MAD-MB-231 cell line, using USP17L24 Antibody (C-term)(Cat. #AP5491b). AP5491b was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysate at 20ug.

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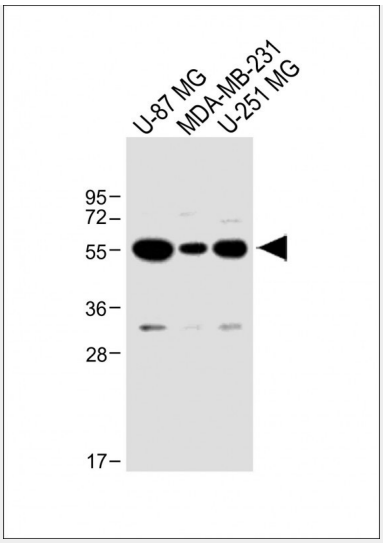
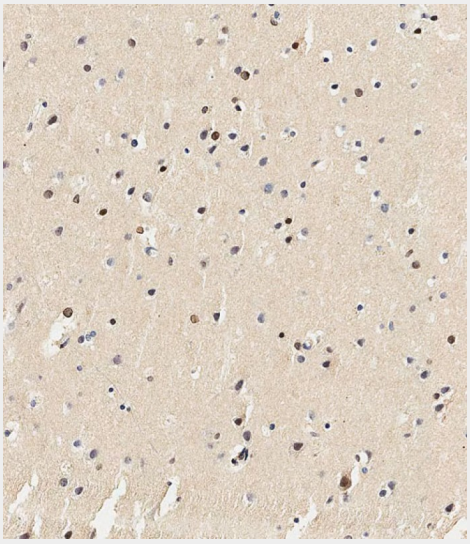


All lanes : Anti-USP17L24 Antibody (C-term) at 1:1000 dilution Lane 1: U-87 MG whole cell lysate Lane 2: MDA-MB-231 whole cell lysate Lane 3: U-251 MG whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 60 kDa Blocking/Dilution buffer: 5% NFDM/TBST.



Immunohistochemical analysis of paraffin-embedded Human brain tissue using AP5491b performed on the Leica® BOND RXm. Tissue was fixed with formaldehyde at room temperature, antigen retrieval was by heat mediation with a EDTA buffer (pH9. 0). Samples were incubated with primary antibody(1:500) for 1 hours at room temperature. A undiluted biotinylated CRF Anti-Polyvalent HRP Polymer antibody was used as the secondary antibody.

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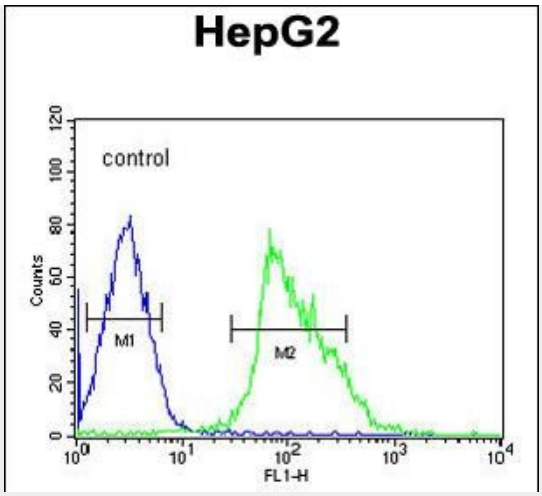

USP17L24 Antibody (C-term) (Cat. #AP5491b) flow cytometric analysis of HepG2 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

USP17L24 Antibody (C-term) - Background

USP17 recognizes and hydrolyzes the peptide bond at the C-terminal Gly of ubiquitin. Involved in the processing of poly-ubiquitin precursors as well as that of ubiquinated proteins (By similarity).

USP17L24 Antibody (C-term) - Citations

- Deubiquitinating enzymes USP4 and USP17 finetune the trafficking of PDGFRβ and affect PDGF-BB-induced STAT3 signalling
- Ubiquitin-specific peptidase 17 promotes cisplatin resistance via PI3K/AKT activation in non-small cell lung cancer
- USP17 Suppresses Tumorigenesis and Tumor Growth through Deubiquitinating AEP.
- Expression and functional implications of USP17 in glioma.
- Suppression of Ubiquitin-Specific Peptidase 17 (USP17) Inhibits Tumorigenesis and Invasion in Non-Small Cell Lung Cancer Cells.