

**USP21 polyclonal antibody**

Catalog: BS76895

Host: Rabbit

Reactivity: Human, Mouse, Rat

**BackGround:**

This gene encodes a member of the C19 peptidase family, also known as family 2 of ubiquitin carboxy-terminal hydrolases. The encoded protein cleaves ubiquitin from ubiquitinated proteins for recycling in intracellular protein degradation. The encoded protein is also able to release NEDD8, a ubiquitin-like protein, from NEDD8-conjugated proteins. This gene has been referred to as USP16 and USP23 but is now known as USP21. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

**Product:**

1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

**Molecular Weight:**

63KDa

**Swiss-Prot:**

Q9UK80

**Purification&Purity:**

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

**Applications:**

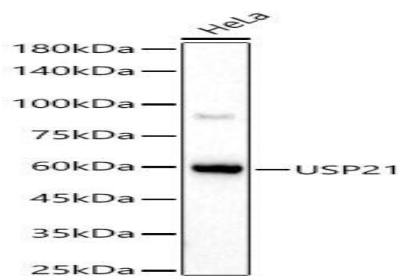
WB, 1:500 - 1:2000 | IF/ICC, 1:50 - 1:100

**Storage&Stability:**

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

**Modification:**

Unmodification

**DATA:**

Western blot analysis of Mouse brain, using USP21 antibody at 1:723 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.

Immunofluorescence analysis of HeLa cells using USP21 Rabbit pAb at dilution of 1:150. Blue: DAPI for nuclear staining.

Immunofluorescence analysis of PC-12 cells using USP21 Rabbit pAb at dilution of 1:150. Blue: DAPI for nuclear staining.

Immunofluorescence analysis of RAW264.7 cells using USP21 Rabbit pAb at dilution of 1:150. Blue: DAPI for nuclear staining.

**Note:**

For research use only, not for use in diagnostic procedure.

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