

Catalog #: 52043

Aliases

Ubiquitin carboxyl-terminal hydrolase 51; Deubiquitinating enzyme 51; Ubiquitin thioesterase 51; Ubiquitin-specific-processing protease 51

Background

Gene Name: USP51

NCBI Gene Entry: [158880](#)

UniProt Entry: [Q70EK9](#)

Application Information

Molecular Weight: Predicted, 79 kDa; observed, 79 kDa

Clonality: Rabbit polyclonal antibody

Species Reactivity: Human

Applications Tested: Western blotting (WB), immunohistochemistry (IHC)

Immunogen

A synthesized peptide derived from human USP51

Isotype

Rabbit IgG

Storage Buffer

Supplied in PBS (pH 7.3) containing 30% glycerol, and 0.01% sodium azide.

Storage

Store at -20 °C for one year.

Recommended Dilutions

Western Blotting (WB): 1:500-1:1,000

Immunohistochemistry (IHC): 1:50-1:200

Note: This product is for research use only.

Validation Data

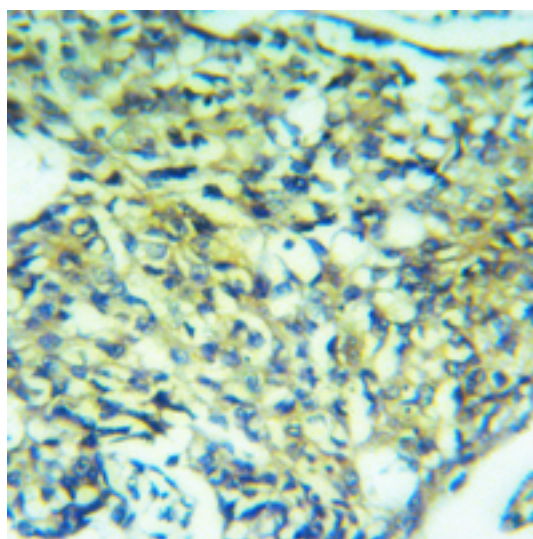
SUPPORT

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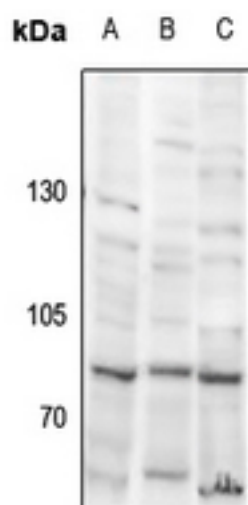
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Immunohistochemical analysis of USP51 staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated 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.



Western blotting analysis of USP51 expression in CT26 (A), A549 (B), EC9706 (C) whole cell lysates.