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

USP49 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP5947a

Specification

USP49 Antibody (N-term) - Product Information

Application	**WB,E**
Primary Accession	Q70CQ1
Other Accession	Q6P9L4, NP_061031.2
Reactivity	**Human, Mouse**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Antigen Region	**33-61**

USP49 Antibody (N-term) - Additional Information

Gene ID 25862

Other Names
Ubiquitin carboxyl-terminal hydrolase 49, Deubiquitinating enzyme 49, Ubiquitin thioesterase 49, Ubiquitin-specific-processing protease 49, USP49

Target/Specificity
This USP49 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 33-61 amino acids from the N-terminal region of human USP49.

Dilution
WB~~1:1000

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
USP49 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

USP49 Antibody (N-term) - Protein Information

Name USP49

Function Specifically deubiquitinates histone H2B at 'Lys-120' (H2BK120Ub). H2BK120Ub is a specific tag for epigenetic transcriptional activation and acts as a regulator of mRNA splicing.

Deubiquitination is required for efficient cotranscriptional splicing of a large set of exons.

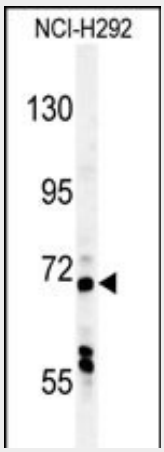
Cellular Location
Nucleus.

USP49 Antibody (N-term) - Protocols

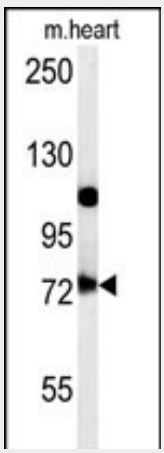
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

USP49 Antibody (N-term) - Images



USP49 Antibody (N-term) (Cat. #AP5947a) western blot analysis in NCI-H292 cell line lysates (35ug/lane).This demonstrates the USP49 antibody detected the USP49 protein (arrow).



USP49 Antibody (N-term) (Cat. #AP5947a) western blot analysis in mouse heart tissue lysates (15ug/lane).This demonstrates the USP49 antibody detected USP49 protein (arrow).