K11-linkage Specific Polyubiquitin Rabbit pAb

Catalog NO.: A18197 **2 Publications**

Basic Information

Observed MW

Calculated MW

Category
Other Modified Antibodies

Applications
WB, DB, ELISA

Cross-Reactivity
Human, Mouse, Rat, Other (Wide Range Predicted)

Background

Polyubiquitination is a posttranslational modification where ubiquitin chains containing isopeptide bonds linking one of seven ubiquitin lysines with the C terminus of an adjoining ubiquitin are covalently attached to proteins. A crystal structure of K11-linked diubiquitin demonstrates a distinct conformation from K48- or K63-linked diubiquitin. It is important that K11-linked ubiquitin chains as critical regulators of mitotic protein degradation.

Recommended Dilutions

WB	1:500 - 1:2000
DB	1:500 - 1:1000

ELISA
Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID **Swiss Prot**

Immunogen
Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms

Contact

Product Information

order@abclonal.com
service@abclonal.com
www.abclonal.com

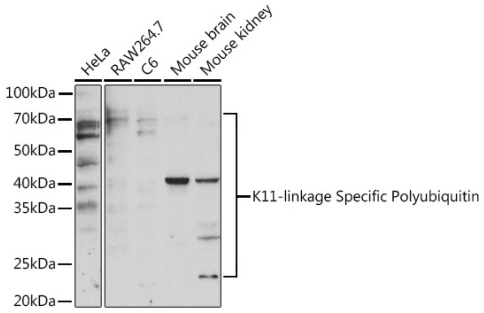
Source
Rabbit

Isotype
IgG

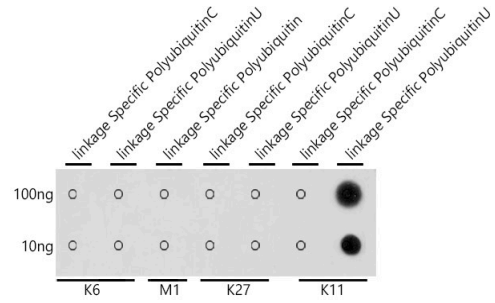
Purification
Affinity purification

Storage
Store at -20°C. Avoid freeze / thaw cycles.
Buffer: PBS with 0.09% Sodium azide,50% glycerol,pH7.3.

Validation Data



Western blot analysis of various lysates using K11-linkage Specific Polyubiquitin Rabbit pAb (A18197) at 1:500 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Enhanced Kit (RM00021).
Exposure time: 90s.



Dot-blot analysis of all sorts of peptides using K11-linkage Specific Polyubiquitin antibody (A18197) at 1:1000 dilution.

For research use only. Not for therapeutic or diagnostic purposes.

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