USP32 Antibody
Rabbit Polyclonal
Antigen Affinity Purified

Catalog No. A302-287A
Protein ID NP_115971.2
Gene ID 84669

APPLICATIONS
WB, IP

REACTIVITY TESTED
Human

PRESUMED REACTIVITY
Based on 100% sequence identity, this antibody is predicted to react with Mouse, Bovine, Dog, Horse, Rabbit, Guinea pig, Orangutan, Rhesus Monkey, Gorilla, Chimpanzee, White-tufted-ear marmoset, African elephant, Naked mole rat, Small-eared galago and Northern white-cheeked gibbon.

ISOTYPE
IgG

AMOUNT
0.1 ml at 1 mg/ml

STORAGE/SHELF LIFE
2 - 8° C / 1 year from date of receipt

PHYSICAL STATE
Liquid

BUFFER
Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide

ORIGIN
USA

PRODUCTION PROCEDURES
Antibody was affinity purified using an epitope specific to USP32 immobilized on solid support.

The epitope recognized by A302-287A maps to a region between residue 200 and 250 of human ubiquitin specific peptidase 32 using the numbering given in entry NP_115971.2 (GeneID 84669).

Immunoglobulin concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.

APPLICATIONS
Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.

Western Blot 1:2,000 to 1:10,000
Immunoprecipitation 10 µg/mg lysate

APPLICATION NOTES
Validation by IP/Western Blot was performed using ReliaBLOT® Western Blot Gel 4-8%, 10 x 10 cm (Cat. No. WB101-40812G) and ReliaBLOT® Reagents (Cat. No. WB120). Related products include ReliaBLOT® IP/WB kits, buffers and reagents.

ADDITIONAL INFO
http://www.bethyl.com/product/A302-287A

Use the link above to view a current list of citations and other product specific information.
Detection of Human USP32 by Western Blot and Immunoprecipitation. **Samples:** Whole cell lysate (5, 15 and 50 µg for WB; 1 mg for IP, 20% of IP loaded) from HeLa cells. **Antibodies:** Affinity purified rabbit anti-USP32 antibody A302-287A used for WB at 0.1 µg/ml (A) and 1 µg/ml (B) and used for IP at 10 µg/mg lysate. USP32 was also immunoprecipitated by rabbit anti-USP32 antibody A302-288A, which recognizes a downstream epitope. **Detection:** Chemiluminescence with exposure times of 3 minutes (A and B).
MATERIAL SAFETY DATA SHEET

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This product contains Rabbit immunoglobulin G (IgG) protein in Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide.

INGREDIENT DESCRIPTIONS

HAZARDOUS:

Sodium Azide (NaN3): Azide forms explosive chemical compounds with lead and copper plumbing. Care must be taken to wash waste down drains with large volumes of water. LD50 oral mouse 27 mg/kg. Wash all affected areas with large volumes of water and if swallowed consult your physician immediately.