



USP16 Antibody

CATALOG NUMBER: 42-222

Specifications

SPECIES REACTIVITY:	Human
TESTED APPLICATIONS:	ELISA
APPLICATIONS:	ELISA: Antibody detection limit dilution 1:32000. Western Blot: Approximately 50 kDa and 26 kDa in lysates of cell lines HEK293, A549 and HeLa after 0.5 ug/mL antibody staining. 5 kDa according to NP_006438.1. Both detected bands were successfully blocked by incubation with the immunizing peptide (and BLAST results with the immunizing peptide sequence did not identify any other proteins to explain the bands).
SPECIFICITY:	Reported variants represent identical protein: NP_001027582.1 NP_006438.1
IMMUNOGEN:	USP16 antibody was raised against a 15 amino acid synthetic peptide near the internal region of USP16.
HOST SPECIES:	Goat

Properties

PURIFICATION:	USP16 antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
PHYSICAL STATE:	Liquid
BUFFER:	USP16 antibody is supplied in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin.
CONCENTRATION:	500 ug/mL
STORAGE CONDITIONS:	Aliquot and store at -20°C. Minimize freezing and thawing.
CLONALITY:	Polyclonal
CONJUGATE:	Unconjugated

Additional Info

ALTERNATE NAMES:	USP16, ubiquitin-specific processing protease 16, ubiquitin thiolesterase 16, ubiquitin specific protease 16, ubiquitin carboxyl-terminal hydrolase 16, deubiquitinating enzyme 16, UBP-M, ubiquitin specific peptidase 16, USP16, UBPM
ACCESSION NO.:	NP_001027582.1, NP_001001992.1
PROTEIN GI NO.:	75992941
OFFICIAL SYMBOL:	USP16
GENE ID:	10600

Background

REFERENCES:	1) Joo HY, Zhai L, Yang C, Nie S, Erdjument-Bromage H, Tempst P, Chang C, Wang H Regulation of cell cycle progression and gene expression by H2A deubiquitination Nature. 2007 Oct 25;449(7165):1068-72. Epub 2007 Oct 3
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