



UBCH10 Antibody

CATALOG NUMBER: 46-544

Specifications

SPECIES REACTIVITY:	Human
TESTED APPLICATIONS:	ELISA, WB
APPLICATIONS:	ELISA: Antibody detection limit dilution 1:32000. Western Blot: Approximately 20 kDa band was detected in mitotic (i.e. Nocodazole arrested) HeLa whole cell lysates Recommended for use at 1-3 ug/mL. Immunoprecipitation: 20 kDa band precipitated from mitotic HeLa whole cell lysates using protein-G dynabeads. Immunofluorescence: Stained mitotic and late G2 HeLa cells, with very faint or no signal in G1 and S phase cells (fixed using paraformaldehyde, primary concentration 2.5 ug/mL, using FITC anti-Goat)
IMMUNOGEN:	UBCH10 antibody was raised against a 13 amino acid synthetic peptide near the C-Terminus of UBCH10.
HOST SPECIES:	Goat

Properties

PURIFICATION:	UBCH10 antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
PHYSICAL STATE:	Liquid
BUFFER:	UBCH10 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:	UBE2C, UBCH10, dJ447F3.2, ubiquitin-conjugating enzyme E2C, ubiquitin-protein ligase C, ubiquitin carrier protein E2-C, cyclin-selective ubiquitin carrier protein, mitotic-specific ubiquitin-conjugating enzyme
ACCESSION NO.:	NP_008950
PROTEIN GI NO.:	5902146
OFFICIAL SYMBOL:	UBE2C
GENE ID:	11065

Background

REFERENCES:	1) Townsley FM, Aristarkhov A, Beck S, Hershko A, Ruderman JV. Dominant-negative cyclin-selective ubiquitin carrier protein E2-C/UbcH10 blocks cells in metaphase. Proc Natl Acad Sci U S A 1997 Mar 18;94(6):2362-7
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