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UBCH10 Antibody

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

CATALOG NO.: 46-544

HOST:
Goat

CLONALITY:
Polyclonal

INFORMATION:
UBCH10 Antibody.

SOURCE:
UBCH10 antibody was raised against a synthetic peptide of UBCH10.

PROTEIN ACCESSION NUMBER(S) :
NP_008950

SPECIES REACTIVITY:
Human

TESTED APPLICATION:
WB, E

APPLICATION:
Peptide ELISA: >1:32000. Western Blot: approximately 20KDa band was detected in mitotic (i.e Nocodazole arrested) HeLa whole cell lysates Recommended for use at 1-3µg/ml. Immunoprecipitation: 20KDa 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 cels (fixed using paraformaldehyde, primary concentration 2.5ug/ml, using FITC anti-Goat)

PURIFICATION:
Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

BUFFER:
0.1mg of purified antibody in 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

STORAGE:

Aliquot and store at -20°C. Minimize freezing and thawing.

REFERENCE:

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

USER NOTES:

When working with antibodies optimal dilutions/concentrations should be determined by the end user for each application. The information provided is a guideline for antibody use. As with all ProSci antibodies, this antibody is for research use only.