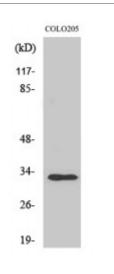


Anti-UBCE7IP4 antibody



Description

4

Rabbit polyclonal to UBCE7IP4.

Model STJ96161

Host Rabbit

Reactivity Human, Mouse

Applications ELISA, WB

Immunogen Synthesized peptide derived from human UBCE7IP4

Immunogen Region 120-200 aa, Internal

Gene ID <u>9781</u>

Gene Symbol RNF144A

Dilution range WB 1:500-1:2000ELISA 1:40000

Specificity UBCE7IP4 Polyclonal Antibody detects endogenous levels of UBCE7IP4

protein.

Purification The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

Note For Research Use Only (RUO).

Protein Name E3 ubiquitin-protein ligase RNF144A RING finger protein 144A UbcM4-

interacting protein 4 Ubiquitin-conjugating enzyme 7-interacting protein 4

Molecular Weight 30 kDa

Clonality Polyclonal

Conjugation Unconjugated

Isotype IgG

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Concentration 1 mg/ml

Storage Instruction Store at -20°C, and avoid repeat freeze-thaw cycles.

Database Links <u>HGNC:20457</u>OMIM:NA

Alternative Names E3 ubiquitin-protein ligase RNF144A RING finger protein 144A UbcM4-

interacting protein 4 Ubiquitin-conjugating enzyme 7-interacting protein 4

Function E3 ubiquitin-protein ligase which accepts ubiquitin from E2 ubiquitin-

conjugating enzymes UBE2L3 and UBE2L6 in the form of a thioester and then directly transfers the ubiquitin to targeted substrates. Mediates the ubiquitination and degradation of the DNA damage kinase PRKDC.

Sequence and Domain Family Members of the RBR family are atypical E3 ligases. They interact with the E2

conjugating enzyme UBE2L3 and function like HECT-type E3 enzymes: they bind E2s via the first RING domain, but require an obligate trans-thiolation step during the ubiquitin transfer, requiring a conserved cysteine residue in the

second RING domain.

Cellular Localization Cell membrane Cytoplasmic vesicle membrane

Post-translational Autoubiquitinated.

Modifications

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