
CUEDC2 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 253961

Unit: 0.1 mg

Description:

The CUE (coupling of ubiquitin conjugation to endoplasmic reticulum degradation) domain is an evolutionarily conserved, ~40 amino acid monoubiquitin-binding domain that mediates intramolecular monoubiquitylation. CUE domains are present in eukaryotic proteins that are involved in ubiquitination and protein trafficking pathways and may be required for ubiquitination of the proteins in which they are found.

CUEDC2 (CUE domain-containing protein 2) was found through a yeast two-hybrid screening as a protein that interacts with the progesterone receptor (PR) and promotes progesterone-induced PR degradation by the ubiquitin-proteasome pathway. CUEDC2 also decreases the sumoylation of PR. CUEDC2 has also been found to interact with IKK- α and IKK- β and decrease the activation of NF- κ B by decreasing the activation of IKK. CUEDC2 antibody will not cross-react with CUEDC1.

Isotype: Rabbit Ig

Applications: E, WB, ICC

Species Reactivity: H, M, R

Format: Each vial contains 0.1 ml IgG in PBS pH 7.4 with 0.02% sodium azide. Antibody was purified by immunogen affinity chromatography.

Alternate Names: CUEDC2; CUE Domain-Containing Protein 2

Accession No.: NP_076945

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within human CUEDC2.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; ICC: 1:100-1:500

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.