
CKIP1 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 254154

Unit: 0.1 mg

Description:

CKIP1 was identified through a yeast-two hybrid screening as a protein that would interact with only one of the two catalytic subunits of the casein kinase 2 complex. CKIP1 is a pleckstrin homology domain-containing protein localized within the nucleus and at the plasma membrane that interacts with CK2alpha but not CK2alpha?, and is thought to play a role in targeting CK2alpha to a particular cellular location. CKIP1 has been implicated in muscle differentiation and the regulation of cell morphology and actin cytoskeleton. CKIP1 can also interact with other proteins such as ATM, an upstream kinase of p53, and recruit the nuclear ATM to the plasma membrane, suggesting CKIP1 may regulate ATM function through re-localizing ATM. CKIP1 can also form a complex with the kinase AKT, leading to a down-regulation of PI3K/AKT signaling and suppression of tumor growth in vivo.

Isotype: Rabbit Ig

Applications: E, WB

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: CKIP1; Casein kinase-2-interacting protein 1; pleckstrin homology domain containing; family O member 1; PLECKHO1

Accession No.: NP_057358

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human CKIP1.

Application Notes: E: 1:500-1:1,000; WB: 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.