

## CKIP-1 Antibody

**Subcategory:** Rabbit Polyclonal Antibody

**Cat. No.:** 251643

**Unit:** 0.1 mg

**Description:**

Casein kinase 2-interacting protein 1 (CKIP-1) plays a role in the regulation of the actin cytoskeleton through its interactions with actin capping protein (CP). CKIP-1 targets CK2 to the plasma membrane thereby serving as an adapter to facilitate the phosphorylation of CP by protein kinase 2 (CK2). CKIP-1 inhibits tumor cell growth by inhibiting AKT-mediated cell-survival. CKIP-1 is involved in PI3K-regulated muscle differentiation, the regulation of AP-1 activity and the promotion of apoptosis induced by tumor necrosis factor TNF.

**Isotype:** Rabbit Ig

**Applications:** E, IHC, WB

**Species Reactivity:** H, M, R

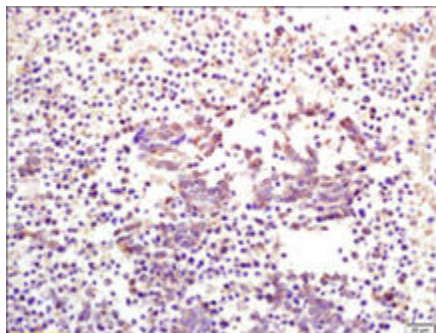
**Format:** Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4, 25% glycerol, 5 mg/ml BSA with 0.09% sodium azide. Antibody was purified by Protein-A affinity chromatography.

**Alternate Names:** CKIP-1; Casein kinase 2-interacting protein 1; Pleckstrin homology domain-containing family O member 1; PH domain-containing family O member 1; CK2-interacting protein 1; C-Jun-binding protein; JBP; Osteoclast maturation-associated gene 120 protein; PLEKHO1; CKIP1

**Accession No.:** Q53GL0

**Antigen:** KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human CKIP-1.

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



**CKIP-1 staining in human lung cancer tissue. Formalin-fixed paraffin-embedded human lung cancer tissue is stained with CKIP-1 Antibody (Cat. No. 251643) used at 1:200 dilution.**

**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.