
P14ARF Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 251543

Unit: 0.1 mg

Description:

Cyclin-dependent kinase inhibitor 2A (P14ARF) is capable of inducing cell cycle arrest in G1 and G2 phases. P14ARF acts as a tumor suppressor. P14ARF binds to MDM2 and blocks its nucleocytoplasmic shuttling by sequestering it in the nucleolus. This inhibits the oncogenic action of MDM2 by blocking MDM2-induced degradation of p53 and enhancing p53-dependent transactivation and apoptosis. P14ARF also induces G2 arrest and apoptosis in a p53-independent manner by preventing the activation of cyclin B1/CDC2 complexes.

Isotype: Rabbit Ig

Applications: E, WB, IHC, IP

Species Reactivity: M, R

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

Alternate Names: Cyclin-dependent kinase inhibitor 2A, isoform 4; p14ARF; p19ARF; CDKN2A; CDKN2; MLM

Accession No.: Q8N726

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the center region of human P14ARF.

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