

## HRas Antibody

**Subcategory:** Rabbit Polyclonal Antibody

**Cat. No.:** 251442

**Unit:** 0.1 mg

**Description:**

GTPase HRas (HRas) binds GDP/GTP and possess intrinsic GTPase activity. HRas alternates between an inactive form bound to GDP and an active form bound to GTP. HRas is activated by a guanine nucleotide-exchange factor (GEF) and inactivated by a GTPase-activating protein (GAP). Defects in HRAS are the cause of Costello syndrome (COSTS), also known as faciocutaneoskeletal syndrome. Costello syndrome is a rare condition characterized by prenatally increased growth, postnatal growth deficiency, mental retardation, distinctive facial appearance, cardiovascular abnormalities (typically pulmonic stenosis, hypertrophic cardiomyopathy and/or atrial tachycardia), tumor predisposition, and skin and musculoskeletal abnormalities.

**Isotype:** Rabbit Ig

**Applications:** E, WB, IHC

**Species Reactivity:** H, 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:** HRas; GTPase HRas; Transforming protein p21; p21ras; H-Ras-1; c-H-ras; Ha-Ras

**Accession No.:** P01112

**Antigen:** KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human HRas.

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