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HRAS Polyclonal Antibody

Cat #: G-AB-00348

Host: Rabbit **Reactivity:** Human, Mouse, Rat

Isotype: IgG **Clonality:** Polyclonal

Overview:
This gene belongs to the Ras oncogene family, whose members are related to the transforming genes of mammalian sarcoma retroviruses. The products encoded by these genes function in signal transduction pathways. These proteins can bind GTP and GDP, and they have intrinsic GTPase activity. This protein undergoes a continuous cycle of de- and re-palmitoylation, which regulates its rapid exchange between the plasma membrane and the Golgi apparatus. Mutations in this gene cause Costello syndrome, a disease characterized by increased growth at the prenatal stage, growth deficiency at the postnatal stage, predisposition to tumor formation, mental retardation, skin and musculoskeletal abnormalities, distinctive facial appearance and cardiovascular abnormalities. Defects in this gene are implicated in a variety of cancers, including bladder cancer, follicular thyroid cancer, and oral squamous cell carcinoma. Multiple transcript variants, which encode different isoforms, have been identified for this gene.

Gene ID: 3265

Accession #:

Immunogen: Recombinant Human GTPase HRas protein

Conjugation: Unconjugated

Swissprot: P01112

Calculated Molecular Weight:

Observed Molecular Weight:

Concentration: 0.78 mg/mL

Buffer: PBS with 0.05% Proclin300, 50% glycerol, pH7.3

Purification Method: Antigen Affinity Purification

Application: IHC

Dilution: IHC 1:100-1:300

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