

# HRas Rabbit Polyclonal Antibody

Catalog No: #55365

Package Size: #55365-1 50ul #55365-2 100ul

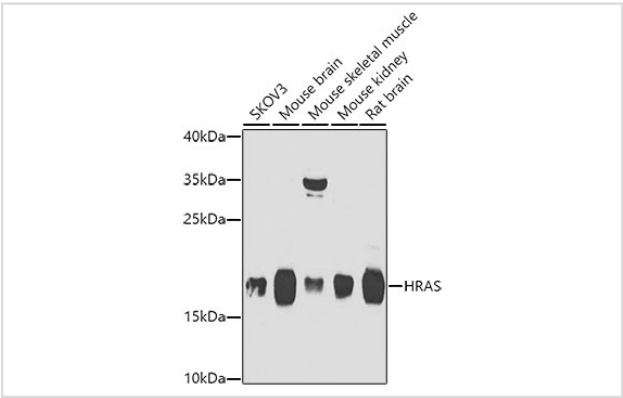
## Description

|                       |                                                                                      |
|-----------------------|--------------------------------------------------------------------------------------|
| Product Name          | HRas Rabbit Polyclonal Antibody                                                      |
| Host Species          | Rabbit                                                                               |
| Clonality             | Polyclonal                                                                           |
| Isotype               | IgG                                                                                  |
| Purification          | Affinity purification                                                                |
| Applications          | WB,IHC                                                                               |
| Species Reactivity    | Human,Mouse,Rat                                                                      |
| Immunogen Description | A synthetic peptide of human HRAS                                                    |
| Conjugates            | Unconjugated                                                                         |
| Other Names           | C-BAS/HAS;C-H-RAS;C-HA-RAS1;CTLO;H-RASIDX;HAMSIV;HRAS1;RASH1;p21ras;GTPase HRAS;HRAS |
| Accession No.         | Swiss Prot:P01112GenelD:3265                                                         |
| Calculated MW         | 18kDa/21kDa                                                                          |
| SDS-PAGE MW           | 21kDa                                                                                |
| Formulation           | Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.                              |
| Storage               | Store at -20°C. Avoid freeze / thaw cycles.                                          |

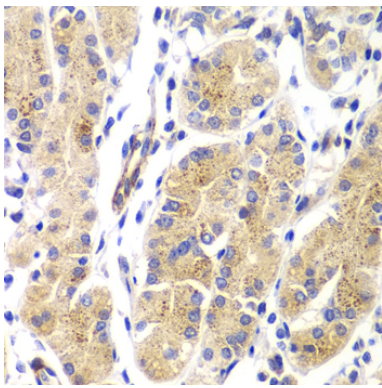
## Application Details

WB 1:500 - 1:2000IHC 1:50 - 1:200

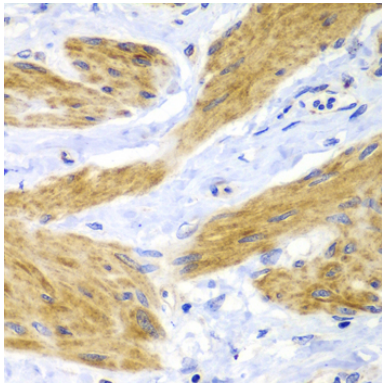
## Images



Western blot analysis of extracts of various cell lines, using HRAS at 1:1000 dilution.



Immunohistochemistry of paraffin-embedded human gastric using HRAS at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded human gastric cancer using HRAS at dilution of 1:100 (40x lens).

## Background

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.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.