

Product Datasheet

GTPase HRAS Antibody

Catalog No: CY5223

Reactivity: Human Mouse Rat

Isotype: Rabbit IgG

Applications: WB IF/ICC IP FC



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Information

UniProt ID: P01112

All Names: GTPase HRas; H-Ras-1; Ha-Ras; Transforming protein p21; c-H-ras; p21ras; HRAS; HRAS1; GTPase NRas; Transforming protein N-Ras; NRAS; HRAS1; GTPase KRas; K-Ras 2; Ki-Ras; c-K-ras; c-Ki-ras; GTPase KRas; KRAS; KRAS2, RASK2

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 21 kDa

Application

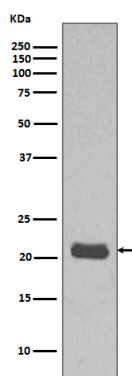
WB: 1:500~1:1000

IF/ICC: 1:50~1:200

IP: 1:50

Background

The KRAS gene encodes the human cellular homolog of a transforming gene isolated from the Kirsten rat sarcoma virus. The RAS proteins are GDP/GTP-binding proteins that act as intracellular signal transducers. The most well-studied members of the RAS (derived from 'Rat Sarcoma' virus) gene family include KRAS, HRAS, and NRAS. These genes encode immunologically related proteins with a molecular mass of 21 kD and are homologs of rodent sarcoma virus genes that have transforming abilities. While these wildtype cellular proteins in humans play a vital role in normal tissue signaling, including proliferation, differentiation, and senescence, mutated genes are potent oncogenes that play a role in many human cancers.



Western blot analysis MCF7 cell lysate using HRAS Antibody.

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