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KRAS Polyclonal Antibody

Cat #: G-AB-00085

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

Isotype: IgG **Clonality:** Polyclonal

Overview:
KRAS,also called p21,is a member of the Ras superfamily of proteins. It is located on human chromosome 12,and contains four coding exons and a 5' non-coding exon (PMID: 12778136). KRAS is a membrane-anchored guanosine triphosphate/guanosine diphosphate (GTP/GDP)-binding protein and is widely expressed in most human cells. Like other members of the Ras family,the KRAS protein is a GTPase,and it is involved in intracellular signal transduction and mainly responsible for EGFR-signaling activation (PMID: 19117687). KRAS mutations have been found in various malignancies,including lung adenocarcinoma,mucinous adenoma,ductal carcinoma of the pancreas and colorectal carcinoma. KRAS has two isoforms,a and b.

Gene ID:

Accession #:

Immunogen: Recombinant Human GTPase KRas protein

Conjugation: Unconjugated

Swissprot: P01116

Calculated Molecular Weight: 21 kDa

Observed Molecular Weight: 21 kDa

Concentration: 2 mg/mL

Buffer: PBS with 0.05% Proclin300 and 50% glycerol, pH7.4.

Purification Method: Affinity purification

Application: WB

Dilution: WB 1:500-1:2000

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