



# Rabbit Anti-Human RAS (G13D Mutant) polyclonal antibody (CABT-L410R)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Specificity</b>	RAS (G13D Mutant)
<b>Target</b>	RAS (G13D Mutant)
<b>Immunogen</b>	Carrier-protein conjugated synthetic peptide encompassing a sequence within the N-terminus region of human RAS (G13D Mutant). The exact sequence is proprietary.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human
<b>Purification</b>	Purified by antigen-affinity chromatography.
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB
<b>Molecular Weight</b>	21kDa
<b>Format</b>	Liquid
<b>Concentration</b>	1 mg/ml (Please refer to the vial label for the specific concentration.)
<b>Size</b>	100 µl
<b>Buffer</b>	1xPBS, 20%Glycerol (pH7).
<b>Preservative</b>	0.025%ProClin 300 was added as a preservative.

<b>Storage</b>	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
<b>Ship</b>	Wet ice

## BACKGROUND

<b>Introduction</b>	Ras is an N-ras oncogene encoding a membrane protein that shuttles between the Golgi apparatus and the plasma membrane. The process of shuttling is regulated through palmitoylation and depalmitoylation by the ZDHHC9-GOLGA7 complex. The encoded protein, which has intrinsic GTPase activity, is activated by a guanine nucleotide-exchange factor and inactivated by a GTPase activating protein. Mutations in Ras gene have been associated with somatic rectal cancer, follicular thyroid cancer, autoimmune lymphoproliferative syndrome, Noonan syndrome, and juvenile myelomonocytic leukemia.
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