

## RAS (G12A mutant) antibody [HL1153]

Cat. No. GTX636434

Host	Rabbit
Clonality	Monoclonal
Isotype	IgG
Applications	WB
Reactivity	Human

Package  
100 µl, 25 µl

## Applications

## Application Note

\*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:10000

Not tested in other applications.

**Observed MW (kDa)** 22 kDa.

## Product Note

Based on in-house and independent lab testing, this antibody does not detect RAS WT, RAS G12D, RAS G12V, RAS G12R, and RAS G12C, but does recognize RAS G12A and RAS G12S.

## Properties

Form	Liquid
Buffer	PBS
Preservative	No preservative
Storage	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.
Concentration	2 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Carrier-protein conjugated synthetic peptide surrounding mutant G12A of human K-Ras. The exact sequence is proprietary.
Purification	Affinity purified by Protein A.
Conjugation	Unconjugated

## Note

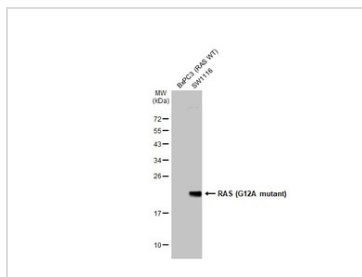
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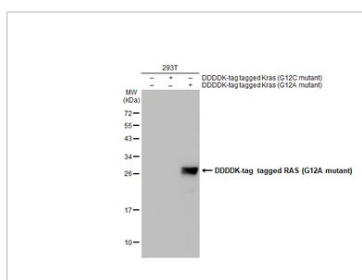
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## DATA IMAGES



### GTX636434 WB Image

Various whole cell extracts (30 µg) were separated by 12% SDS-PAGE, and the membrane was blotted with RAS (G12A mutant) antibody [HL1153] (GTX636434) diluted at 1:500. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



### GTX636434 WB Image

Non-transfected (-) and transfected (+) 293T whole cell extracts (30 µg) were separated by 12% SDS-PAGE, and the membrane was blotted with RAS (G12A mutant) antibody [HL1153] (GTX636434) diluted at 1:5000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



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