

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

This antibody was raised against RAS G12A mutant. Based on in-house and independent lab testing, it also cross-reacts with RAS G12S and Wide type, but does not react with RAS G12D, G12V, G12R, and G12C mutants. Cross-reactivity with wild-type RAS has only been observed under conditions of overexpression and is not detected at endogenous levels.

Properties

Form Liquid

Buffer PBS

Preservative No preservatives

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

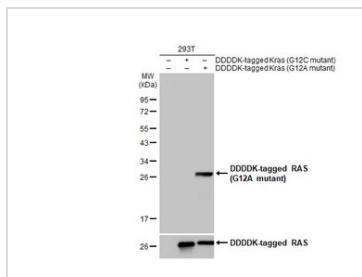
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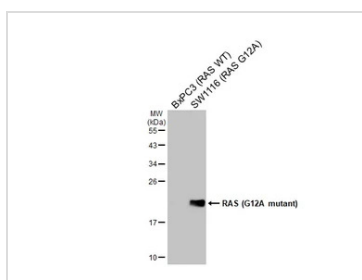
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DATA IMAGES



GTX636434 WB Image

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.



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.



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