

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
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WB	1:500-1:10000
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Not tested in other applications.

Observed MW (kDa)	22 kDa.
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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
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Buffer	PBS
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Preservative	No preservatives
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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.
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Concentration	2 mg/ml (Please refer to the vial label for the specific concentration.)
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Immunogen	Carrier-protein conjugated synthetic peptide surrounding mutant G12A of human K-Ras. The exact sequence is proprietary.
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Purification	Affinity purified by Protein A.
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Conjugation	Unconjugated
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Note

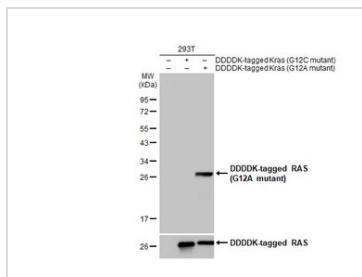
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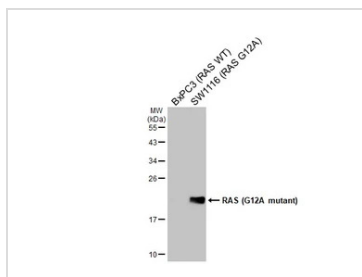
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DATA IMAGES



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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