

# RAS (G12V Mutant) antibody [HL169]

**Cat. No. GTX635623**

<b>Host</b>	Rabbit
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	IgG
<b>Applications</b>	WB, IHC-P
<b>Reactivity</b>	Human

**Package**  
100 µl, 25 µl

## Applications

### Application Note

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

Suggested dilution	Recommended dilution
WB	1:500-1:3000
IHC-P	1:50-1:1000

Not tested in other applications.

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

### Product Note

Based on internal testing, this antibody specifically recognizes RAS G12V mutant and does not cross-react with wild-type RAS or the G12D, G12R, G12C, G12A, or G12S mutants.

## Properties

<b>Form</b>	Liquid
<b>Buffer</b>	PBS
<b>Preservative</b>	No 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>Concentration</b>	1 mg/ml (Please refer to the vial label for the specific concentration.)
<b>Immunogen</b>	Carrier-protein conjugated synthetic peptide surrounding mutant G12V of human K-Ras. The exact sequence is proprietary.
<b>Purification</b>	Affinity purified by Protein A.
<b>Conjugation</b>	Unconjugated

### Note

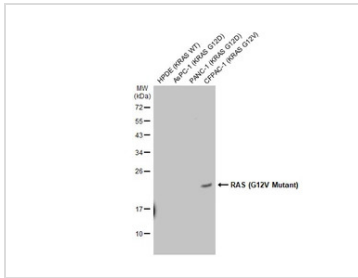
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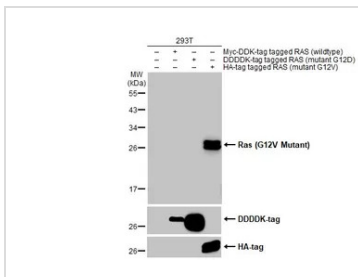
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## DATA IMAGES



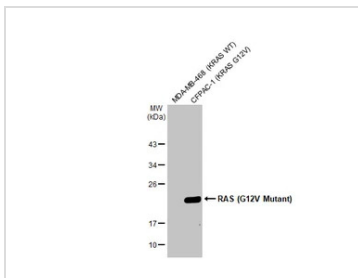
### GTx635623 WB Image

Various whole cell extracts (30 µg) were separated by 12% SDS-PAGE, and the membrane was blotted with Ras (G12V Mutant) antibody [HL1] (GTx635623) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTx213110-01) was used to detect the primary antibody.



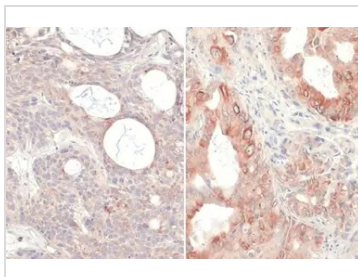
### GTx635623 WB Image

Non-transfected (-) and transfected (+) 293T whole cell extracts (30 µg) were separated by 12% SDS-PAGE, and the membrane was blotted with Ras (G12V Mutant) antibody [HL1] (GTx635623) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTx213110-01) was used to detect the primary antibody.



### GTx635623 WB Image

Various whole cell extracts (30 µg) were separated by 12% SDS-PAGE, and the membrane was blotted with RAS (G12V Mutant) antibody [HL169] (GTx635623) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTx213110-01) was used to detect the primary antibody.



### GTx635623 IHC-P Image

RAS (G12V Mutant) antibody [HL169] detects RAS (G12V Mutant) protein at cell membrane and cytoplasm by immunohistochemical analysis.

Sample: Paraffin-embedded BxPC-3 xenograft (left) and CFPAC-1 xenograft (right).

RAS (G12V Mutant) stained by RAS (G12V Mutant) antibody [HL169] (GTx635623) diluted at 1:50.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



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