

## RGS4 antibody [HL1522]

Cat. No. GTX636996

|              |                   |
|--------------|-------------------|
| Host         | Rabbit            |
| Clonality    | Monoclonal        |
| Isotype      | IgG               |
| Applications | WB, ICC/IF, IHC-P |
| Reactivity   | Human, Mouse, Rat |

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         |
| ICC/IF             | Assay dependent      |
| IHC-P              | Assay dependent      |

Not tested in other applications.

Observed MW (kDa) 19, 23, 26 kDa.

## 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 | 1 mg/ml (Please refer to the vial label for the specific concentration.)   |
| Immunogen     | Recombinant protein encompassing a sequence within the center region of human RGS4. The exact sequence is proprietary.   |
| Purification  | Affinity purified by Protein A.  |
| Conjugation   | Unconjugated   |

## Note

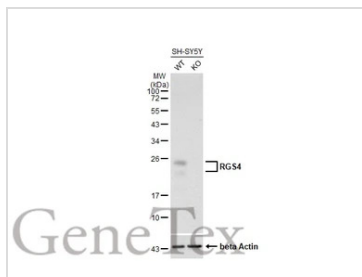
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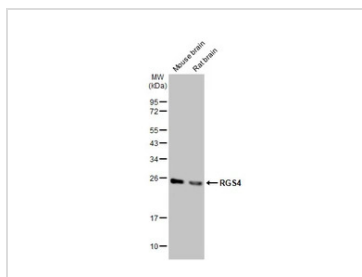
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## DATA IMAGES



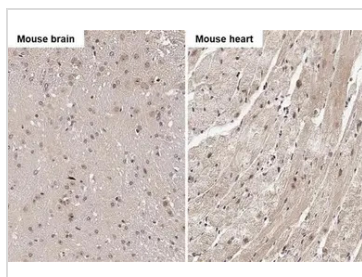
### GTX636996 WB Image

Unboiled wild-type (WT) and RGS4 knockout (KO) SH-SY5Y cell extracts (15 µg) were separated by 12% SDS-PAGE, and the membrane was blotted with RGS4 antibody [HL1522] (GTX636996) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



### GTX636996 WB Image

Various tissue extracts (50 µg) were separated by 12% SDS-PAGE, and the membrane was blotted with RGS4 antibody [HL1522] (GTX636996) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody, and the signal was developed with Trident ECL plus-Enhanced.



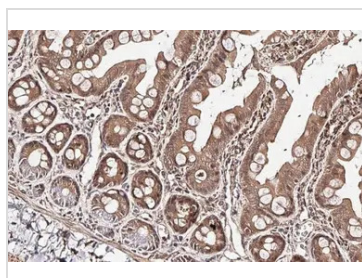
### GTX636996 IHC-P Image

RGS4 antibody [HL1522] detects RGS4 protein by immunohistochemical analysis.

Sample: Paraffin-embedded mouse tissues.

RGS4 stained by RGS4 antibody [HL1522] (GTX636996) diluted at 1:100.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



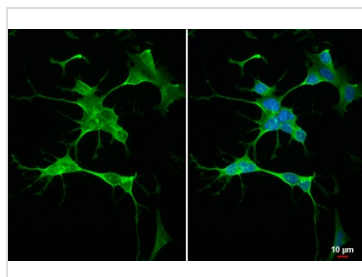
### GTX636996 IHC-P Image

RGS4 antibody [HL1522] detects RGS4 protein at cell membrane and nucleus by immunohistochemical analysis.

Sample: Paraffin-embedded rat intestine.

RGS4 stained by RGS4 antibody [HL1522] (GTX636996) diluted at 1:100.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



### GTX636996 ICC/IF Image

RGS4 antibody [HL1522] detects RGS4 protein at cytoplasm by immunofluorescent analysis.

Sample: SH-SY-5Y cells were fixed in 4% paraformaldehyde at RT for 15 min.

Green: RGS4 stained by RGS4 antibody [HL1522] (GTX636996) diluted at 1:500.

Blue: Fluoroshield with DAPI (GTX30920).



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