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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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mGluR5 antibody [HL3509]

Cat. No. GTX641397

| | |
|--------------|-------------------|
| Host | Rabbit |
| Clonality | Monoclonal |
| Isotype | IgG |
| Applications | WB, IHC-P, IHC-Fr |
| 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 |
| IHC-P | Assay dependent |
| IHC-Fr | Assay dependent |

Not tested in other applications.

Observed MW (kDa) 130 (monomer), > 250 (dimer or multimer) kDa.

Product Note This antibody was raised against mGluR5 Intracellular domain.

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 fragment encompassing a sequence within the Intracellular domain of mGluR5. The exact sequence is proprietary. |
| Purification | Affinity purified by Protein A. |
| Conjugation | Unconjugated |



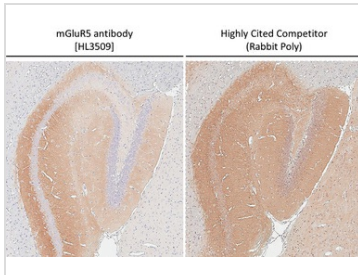
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Note

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

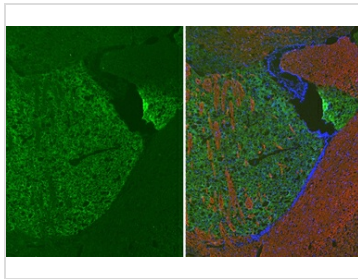
DATA IMAGES

GTX641397 IHC-P Image

mGluR5 antibody [HL3509] detects mGluR5 protein by immunohistochemical analysis.

Sample: Paraffin-embedded mouse hippocampus.

mGluR5 stained by mGluR5 antibody [HL3509] (GTX641397) diluted at 1:400.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min


GTX641397 IHC-Fr Image

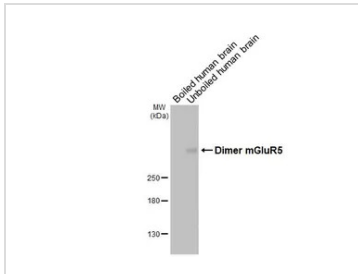
mGluR5 antibody [HL3509] detects mGluR5 protein by immunohistochemical analysis.

Sample: Frozen-sectioned mouse striatum.

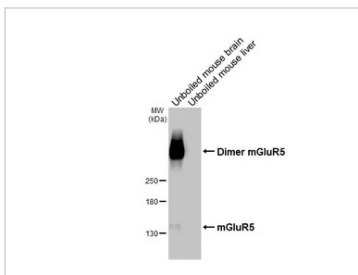
Green: mGluR5 stained by mGluR5 antibody [HL3509] (GTX641397) diluted at 1:250.

Red: NF-H antibody [GT114] (GTX634289) diluted at 1:500.

Blue: Hoechst 33342 staining.


GTX641397 WB Image

Boiled and unboiled human tissue extract (5 µg) were separated by 5% SDS-PAGE, and the membrane was blotted with mGluR5 antibody [HL3509] (GTX641397) 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.


GTX641397 WB Image

Unboiled various tissue extracts (50 µg) were separated by 5% SDS-PAGE, and the membrane was blotted with mGluR5 antibody [HL3509] (GTX641397) 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.



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