

Iba1 antibody

Cat. No. GTX100042

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-P, IHC-Fr, FCM, IHC, IHC (Free Floating)
Reactivity	Human, Mouse, Rat

References (130)

★★★★★ Review (7)

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
ICC/IF	1:100-1:1000
IHC-P	1:100-1:1000
IHC-Fr	1:100-1:1000
FCM	1:50-1:200
IHC	Assay dependent
IHC (Free Floating)	Assay dependent

Not tested in other applications.

Calculated MW 17 kDa. ([Note](#))

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	Carrier-protein conjugated synthetic peptide encompassing a sequence within the C-terminus region of human Iba1. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated



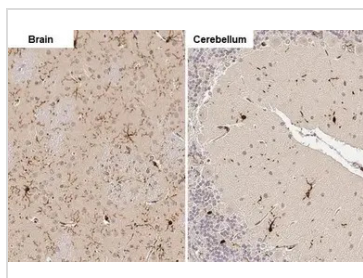
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Note

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DATA IMAGES



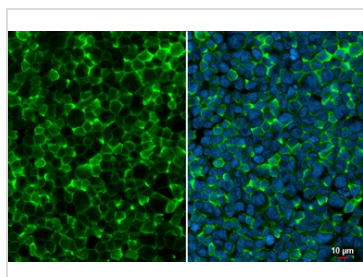
GTx100042 IHC-P Image

Iba1 antibody detects Iba1 protein by immunohistochemical analysis.

Sample: Paraffin-embedded rat tissues.

Iba1 stained by Iba1 antibody (GTx100042) diluted at 1:100.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



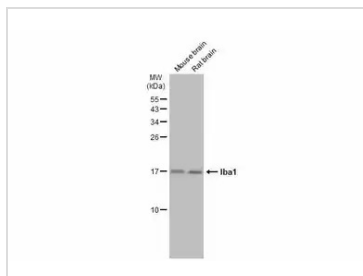
GTx100042 ICC/IF Image

Iba1 antibody detects Iba1 protein at cell membrane by immunofluorescent analysis.

Sample: THP-1 cells were fixed in 4% paraformaldehyde at RT for 15 min.

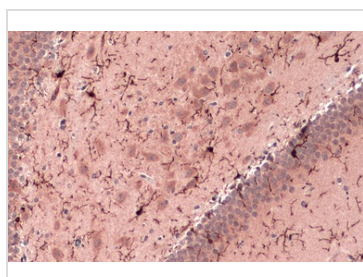
Green: Iba1 stained by Iba1 antibody (GTx100042) diluted at 1:500.

Blue: Fluoroshield with DAPI (GTx30920).



GTx100042 WB Image

Various tissue extracts (50 µg) were separated by 15% SDS-PAGE, and the membrane was blotted with Iba1 antibody (GTx100042) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTx213110-01) was used to detect the primary antibody.



GTx100042 IHC-P Image

Iba1 antibody detects Iba1 protein at cell membrane and cytoplasm by immunohistochemical analysis.

Sample: Paraffin-embedded rat brain.

Iba1 stained by Iba1 antibody (GTx100042) diluted at 1:500.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



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