

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



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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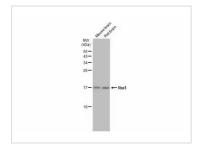


Note

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DATA IMAGES



GTX100042 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.

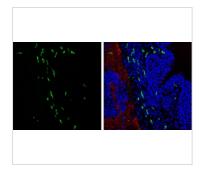


GTX100042 IHC-P Image

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



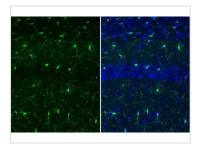
GTX100042 IHC-Fr Image

Iba1 antibody detects Iba1 protein expression at microglias by immunohistochemical analysis. Sample: Frozen sectioned E13.5 Rat brain.

Green: Iba1 protein stained by Iba1 antibody (GTX100042) diluted at 1:250.

Red: beta Tubulin 3/ TUJ1, a mature neuron marker, stained by beta Tubulin 3/ TUJ1 antibody [GT11710] (GTX631836) diluted at 1:500.

Blue: Fluoroshield with DAPI (GTX30920).



GTX100042 IHC-Fr Image

Iba1 antibody detects Iba1 protein at cell membrane and cytoplasm by immunohistochemical analysis. Sample: Frozen-sectioned mouse brain.

Green: Iba1 stained by Iba1 antibody (GTX100042) diluted at 1:500.

Blue: Fluoroshield with DAPI (GTX30920).

Antigen Retrieval: ice-cold MeOH for 5 min



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