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 (153)

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	Assay dependent
IHC	Assay dependent
IHC (Free Floating)	Assay dependent
Note : Permeabilization : 0.1% saponin	

Not tested in other applications.

Calculated MW	17 kDa. (Note)
Product Note	Based on sequence homology, this antibody is predicted to recognize Iba-1 isoforms 1 and 2.

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 4ºC. For long-term storage, aliquot and store at -20ºC 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.

For full product information, images and publications, please visit our website.

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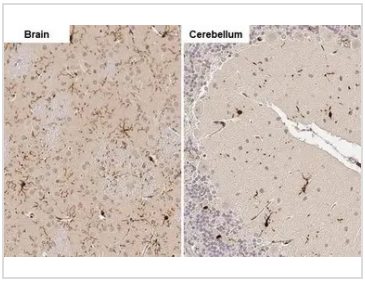
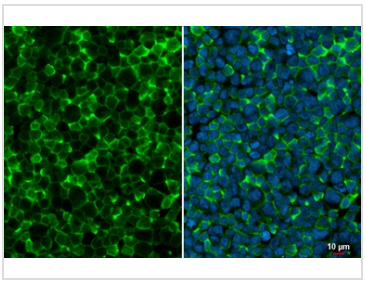
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated
Note	For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption. Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

DATA IMAGES



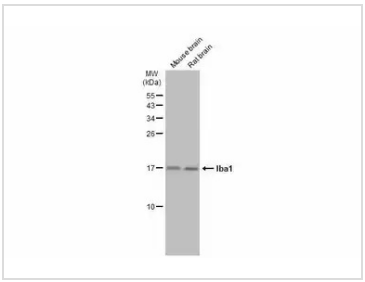
GTX100042 IHC-P Image

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



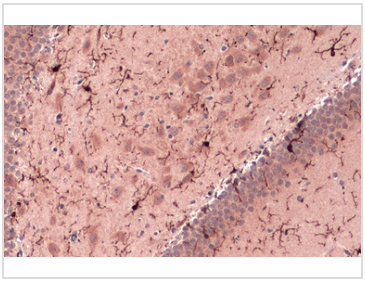
GTX100042 ICC/IF Image

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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