

## Iba1 antibody

**Cat. No. GTX100042**

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

References ( 146 )

★★★★☆ 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](#) )**Product Note** Based on sequence homology, this antibody is predicted to recognize Iba-1 isoforms 1 and 2.

## Properties

<b>Form</b>	Liquid
<b>Buffer</b>	PBS
<b>Preservative</b>	No preservatives
<b>Storage</b>	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.
<b>Concentration</b>	1 mg/ml (Please refer to the vial label for the specific concentration.)
<b>Immunogen</b>	Carrier-protein conjugated synthetic peptide encompassing a sequence within the C-terminus region of human Iba1. The exact sequence is proprietary.
<b>Purification</b>	Purified by antigen-affinity chromatography.

For full product information, images and publications, please visit our [website](#).

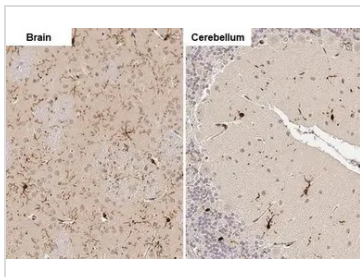
**Conjugation** Unconjugated

**Note**

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

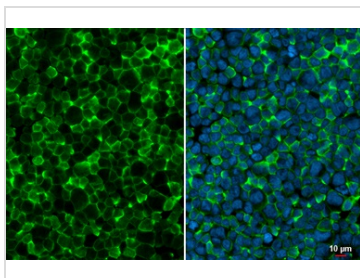
Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

DATA IMAGES



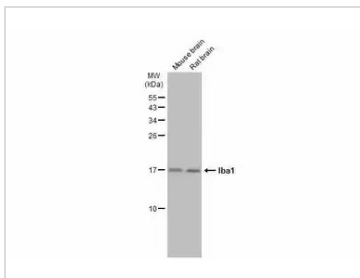
**GTX100042 IHC-P Image**

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



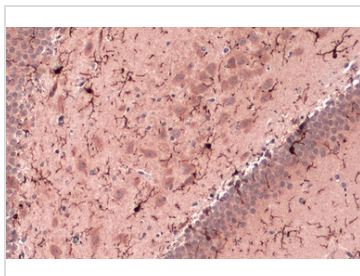
**GTX100042 ICC/IF Image**

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



For full product information, images and publications, please visit our [website](#).