

BAI1 antibody [HL4190]

Cat. No. GTX643004

Host	Rabbit
Clonality	Monoclonal
Isotype	IgG
Applications	WB, IHC-P
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

Not tested in other applications.

Observed MW (kDa) 75 (C-terminal fragment, CTF), 150-200 (total form) kDa.

Product Note

This antibody may not be suitable for rat IHC-P assay, as its rat reactivity is based on WB testing. It is specific for human BAI1 protein and does not cross react with human BAI2 and BAI3 protein. It detects both full-length BAI1 as well as the C-terminal fragment BAI1 form. It was raised against human BAI1 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
Immunogen	Synthetic peptide encompassing a sequence within the Intracellular domain of human BAI1. The exact sequence is proprietary.
Purification	Affinity purified by Protein A.
Conjugation	Unconjugated



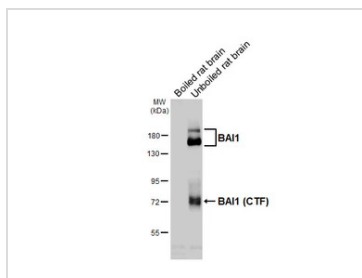
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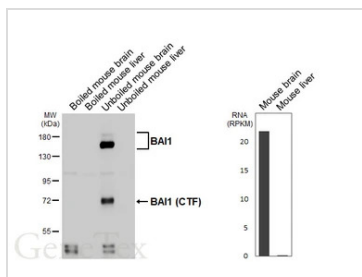
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Note

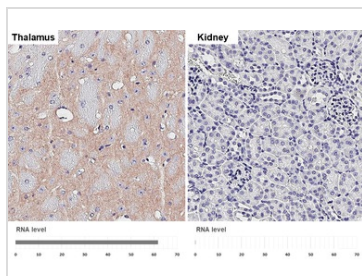
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DATA IMAGES

GTX643004 WB Image

Boiled and unboiled rat tissue extracts (50 µg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with BAI1 antibody [HL4190] (GTX643004) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.


GTX643004 WB Image

Boiled and unboiled mouse tissue extracts (50 µg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with BAI1 antibody [HL4190] (GTX643004) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody. Corresponding RNA expression data are based on NCBI database.


GTX643004 IHC-P Image

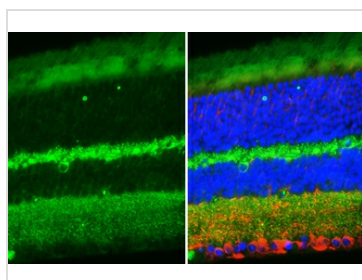
BAI1 antibody [HL4190] detects BAI1 protein by immunohistochemical analysis.

Sample: Paraffin-embedded mouse tissues.

BAI1 stained by BAI1 antibody [HL4190] (GTX643004) diluted at 1:200.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min

Corresponding RNA levels (RPKM) in the tissues are based on NCBI database.


GTX643004 IHC-P Image

BAI1 antibody [HL4190] detects BAI1 protein by immunohistochemical analysis.

Sample: Paraffin-embedded mouse eye.

Green: BAI1 stained by BAI1 antibody [HL4190] (GTX643004) diluted at 1:200.

Red: beta Tubulin 3/ Tuj1 antibody [GT11710] (GTX631836) diluted at 1:500.

Blue: Fluoroshield with DAPI (GTX30920).

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



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