

## ASIC1 antibody

## Cat. No. GTX54804

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-Fr, IP
Reactivity	Human, Mouse, Rat

Package  
50 µl

## Applications

## Application Note

\*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	Assay dependent
ICC/IF	Assay dependent
IHC-Fr	Assay dependent
IP	Assay dependent

Not tested in other applications.

Calculated MW 60 kDa. ( [Note](#) )

Product Note Recognizes isoforms ASIC1 $\alpha$  and ASIC1 $\beta$ .

## Properties

Form	Liquid
Buffer	PBS, 1% BSA
Preservative	0.05% Sodium azide
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	0.8 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Peptide CQKEAKRSSADKGVALSLLDD, corresponding to amino acid residues 469-488 (Intracellular, C-terminus) of rat ASIC1 (Accession P55926).
Purification	Purified by antigen-affinity chromatography
Conjugation	Unconjugated



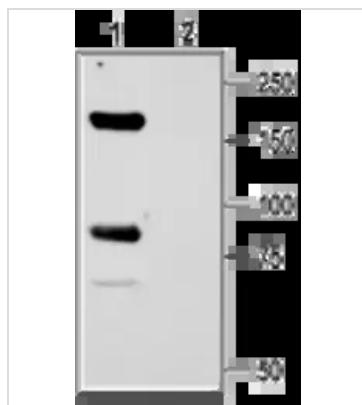
For full product information, images and publications, please visit our [website](#).

Date 2026 / 01 / 29 Page 1 of 2

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

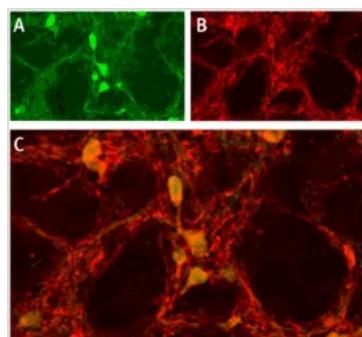
**Note**

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****GTX54804 WB Image**

WB analysis of rat brain membrane lysate using GTx54804 ASIC1 antibody preincubated with or without immunogen peptide.

Dilution : 1:200

**GTX54804 IHC-Fr Image**

IHC-Fr analysis of rat brain tissue using GTx54804 ASIC1 antibody.

Panel A : Parvalbumin (PV) positive neurons are shown (green).

Panel B : Neurons with typically enmeshed dendritic trees stain intensely for ASIC1 (red).

Panel C : Double labeling with mouse anti-Parvalbumin (green) reveals strong co-localization of PV with ASIC1.



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

Date 2026 / 01 / 29 Page 2 of 2