Ferroportin 1 antibody

Cat. No. GTX54821

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

References (2)
Package
50 µl

Applications

Application Note

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

Suggested dilution	Recommended dilution
WB	Assay dependent
IHC-Fr	Assay dependent

Not tested in other applications.

Calculated MW 63 kDa. (Note)

Properties

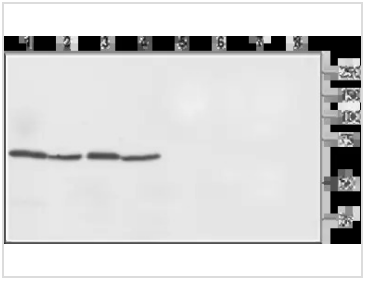
Form	Liquid
Buffer	PBS, 1% BSA
Preservative	0.05% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4ºC. For long-term storage, aliquot and store at -20ºC or below. Avoid multiple freeze-thaw cycles.
Concentration	0.85 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Peptide (C)EGTHLMGVKDSNIHE, corresponding to amino acid residues 261-275 (2nd intracellular loop ; Note: the st ructure of Ferroportin is st ill controversial and there is no defined topology yet) of human Ferroportin (Accession : Q9NP59).
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.

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

GeneTex, Inc. (North America)
1-877-436-3839 (Toll-free) 1-949-309-2888 sales@genetex.com

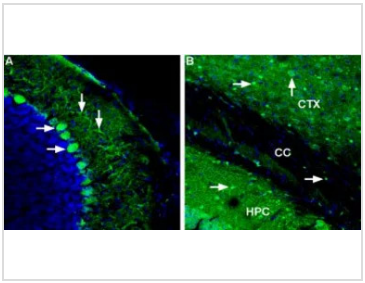
GeneTex International Corporation (Global)
886-3-6208988 886-3-6208989 infoasia@genetex.com

DATA IMAGES



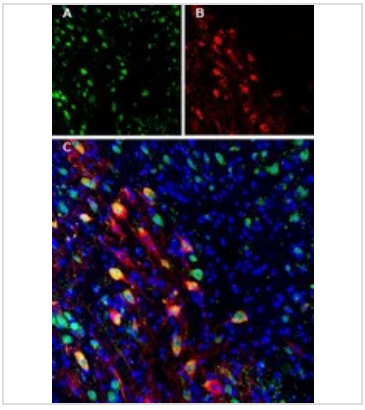
GTX54821 WB Image

WB analysis of rat spleen (lanes 1 and 5), rat small intestine (lanes 2 and 6), rat liver (lanes 3 and 7), and mouse liver (lanes 4 and 8) lysates using GTX54821 Ferroportin 1 antibody preincubated with or without immunogen peptide.
Dilution : 1:500



GTX54821 IHC-Fr Image

IHC-Fr analysis of mouse brain tissue using GTX54821 Ferroportin 1 antibody. Cell nuclei are stained using DAPI (blue).
Panel A : In the cerebellum, Ferroportin (green) appears in cerebellar purkinje cells (horizontal arrows) and their dendrites (vertical arrows).
Panel B : In the forebrain, intense Ferroportin appears (green) in oligodendrocytes (horizontal arrows) and moderate staining is detected in neurons (vertical arrow).



GTX54821 IHC-Fr Image

IHC-Fr analysis of mouse brain tissue using GTX54821 Ferroportin 1 antibody. Cell nuclei are stained using DAPI (blue).
Panel A : Ferroportin staining (green) appears in several cells in the SNC.
Panel B : Tyrosine hydroxylase (red) stains dopaminergic neurons.
Panel C : Merge of A and B demonstrates Ferroportin in dopaminergic and non-dopaminergic neurons.

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

GeneTex, Inc. (North America)
1-877-436-3839 (Toll-free) 1-949-309-2888 sales@genetex.com

GeneTex International Corporation (Global)
886-3-6208988 886-3-6208989 infoasia@genetex.com