

ARG58593 anti-FCGRT antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes FCGRT
Tested Reactivity	Ms
Tested Application	IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	FCGRT
Species	Mouse
Immunogen	Recombinant protein corresponding to Q54-D291 of Mouse FCGRT.
Conjugation	Un-conjugated
Alternate Names	FCRN; IgG receptor FcRn large subunit p51; alpha-chain; Neonatal Fc receptor; FcRn; IgG Fc fragment receptor transporter alpha chain

Application Instructions

Application table	Application	Dilution
	IHC-P	0.5 - 1 µg/ml
	WB	0.1 - 0.5 µg/ml

Application Note
IHC-P: Antigen Retrieval: Heat mediated.
* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

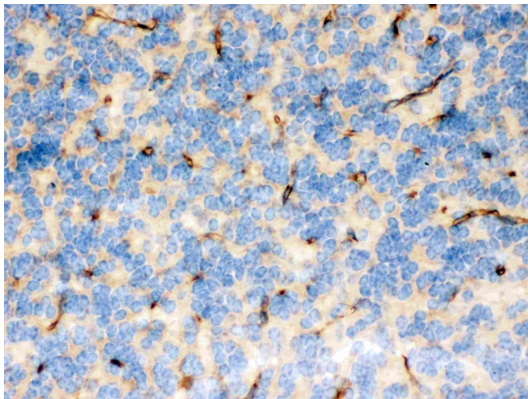
Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.9% NaCl, 0.2% Na ₂ HPO ₄ , 0.05% Sodium azide and 5% BSA.
Preservative	0.05% Sodium azide
Stabilizer	5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

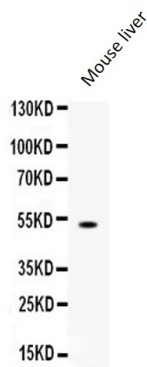
Gene Symbol	FCGRT
Gene Full Name	Fc fragment of IgG, receptor, transporter, alpha
Background	This gene encodes a receptor that binds the Fc region of monomeric immunoglobulin G. The encoded protein transfers immunoglobulin G antibodies from mother to fetus across the placenta. This protein also binds immunoglobulin G to protect the antibody from degradation. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Apr 2009]
Function	Binds to the Fc region of monomeric immunoglobulins gamma. Mediates the uptake of IgG from milk. Possible role in transfer of immunoglobulin G from mother to fetus. [UniProt]
Calculated Mw	40 kDa
Cellular Localization	Cell membrane; Single-pass type I membrane protein. [UniProt]

Images



ARG58593 anti-FCGRT antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Mouse brain tissue stained with ARG58593 anti-FCGRT antibody at 1 $\mu\text{g}/\text{ml}$ dilution.



ARG58593 anti-FCGRT antibody WB image

Western blot: Mouse liver extract stained with ARG58593 anti-FCGRT antibody at 0.5 $\mu\text{g}/\text{ml}$ dilution.