

ARG45274 anti-FATP3 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Polyclonal antibody recognizes FATP3
Tested Reactivity	Hu, Ms
Tested Application	IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Target Name	FATP3
Species	Human
Immunogen	Recombinant protein containing to human FATP3.
Conjugation	Un-conjugated
Alternate Names	SLC27A3; Solute Carrier Family 27 Member 3; ACSVL3; FATP3; Solute Carrier Family 27 (Fatty Acid Transporter), Member 3; Very Long-Chain Acyl-CoA Synthetase Homolog 3; Long-Chain Fatty Acid Transport Protein 3; Long-Chain-Fatty-Acid--CoA Ligase; Arachidonate--CoA Ligase; MGC4365; VLCS-3; Fatty Acid Transport Protein 3; EC 6.2.1.15; EC 6.2.1.3; EC 6.2.1.-; EC 6.2.1.7 47; EC 6.2.1 47; FATP-3

Application Instructions

Application table	Application	Dilution
	IHC-P	2-5 µg/ml
	WB	0.25-0.5 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	70-79 kDa	

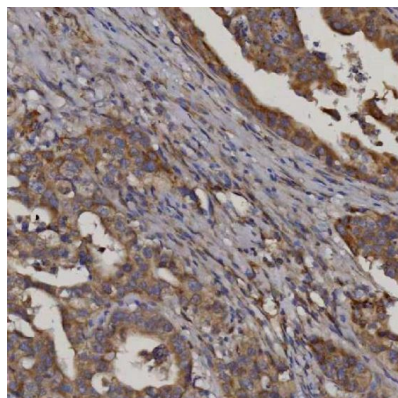
Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.2% Na ₂ HPO ₄ , 0.9% NaCl and 4% Trehalose.
Stabilizer	4% Trehalose
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.

Bioinformation

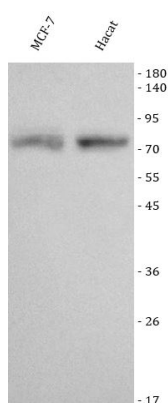
Gene Symbol	SLC27A3
Gene Full Name	Solute Carrier Family 27 Member 3
Background	This gene belongs to a family of integral membrane proteins and encodes a protein that is involved in lipid metabolism. The increased expression of this gene in human neural stem cells derived from induced pluripotent stem cells suggests that it plays an important role in early brain development. Naturally occurring mutations in this gene are associated with autism spectrum disorders. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Feb 2017]
Function	Mainly functions as an acyl-CoA ligase catalyzing the ATP-dependent formation of fatty acyl-CoA using LCFA and very-long-chain fatty acids (VLCFA) as substrates. [UniProt]
Calculated Mw	74 kDa
Cellular Localization	Mitochondrion inner membrane [UniProt]

Images



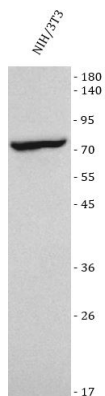
ARG45274 anti-FATP3 antibody IHC-P image

Immunohistochemistry: Human colorectal adenocarcinoma stained with ARG45274 anti-FATP3 antibody at 2 μ g/ml dilution.



ARG45274 anti-FATP3 antibody WB image

Western blot: MCF-7 and HacaT stained with ARG45274 anti-FATP3 antibody at 0.5 μ g/ml dilution.



ARG45274 anti-FATP3 antibody WB image

Western blot: NIH/3T3 stained with ARG45274 anti-FATP3 antibody at 0.5 µg/ml dilution.