

Anti-SLC01C1 Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Human (predicted:Mouse,Rat,Dog,Pig,Cow,Horse,Rabbit,Sheep)
Molecular Weight:	Theoretical: 79 kDa. Actual: 76 kDa.
Purification:	Protein A purified

Applications

Sample:	Lane 1: Hela (Human) Cell Lysate at 30 µg Lane 2: SH-SY5Y (Human) Cell Lysate at 30 µg
Primary:	Anti-SLC01C1 (TMAB-12918) at 1/1000 dilution Anti-beta-Actin at 1/2000 dilution
Secondary:	IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size:	79 kD
Observed band size:	76 kD
Application:	WB
Recommended	WB: 1:500-2000

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human SLC01C1/OATP-F
Antigen Species:	Human
Gene ID:	53919
Uniprot ID:	Q9NYB5

Research Background

The organic anion transporter family of proteins mediate hepatic uptake of cardiac glycosides. OATP-F is a 712 amino acid member of the organic anion transporter protein family. As a multi-pass membrane protein, OATP-F mediates the Na⁺-independent, high affinity transport of the thyroid hormones thyroxine (T4) and rT3 and other organic anions. OATP-F is also thought to transport estrone-3-sulfate and sulfobromophthalein (BSP), triiodothyronine (T3) and 17-beta-glucuronosyl estradiol at a much lower efficiency. OATP-F is expressed highly in Leydig cells in testis and in brain.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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