Datasheet for ABIN635126

anti-SLCO1C1 antibody (N-Term)

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Overview

Quantity:	100 µL
Target:	SLCO1C1
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLCO1C1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	SLCO1 C1 antibody was raised using the N terminal of SLCO1 1 corresponding to a region with amino acids VDTSSSMWIYVFLGNLLRGIGETPIQPLGIAYLDDFASEDNAAFYIGCVQ
Specificity:	SLCO1 C1 antibody was raised against the N terminal of SLCO1 1
Purification:	Affinity purified

Target Details

Target:	SLCO1C1
Alternative Name:	SLCO1C1 (SLCO1C1 Products)
Background:	SLCO1C1 is a member of the organic anion transporter family. SLCO1C1 is a transmembrane receptor that mediates the sodium-independent uptake of thyroid hormones in brain tissues. This protein has particularly high affinity for the thyroid hormones thyroxine, tri-iodothyronine

Target Details

	and reverse tri-iodothyronine. Polymorphisms in the gene encoding this protein may be associated with fatigue and depression in patients suffering from hyperthyroidism.
Molecular Weight:	79 kDa (MW of target protein)

Application Details

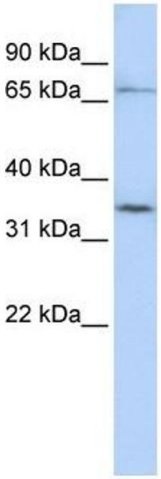
Application Notes:	WB: 1 µg/mL Optimal conditions should be determined by the investigator.
Comment:	SLCO1C1 Blocking Peptide, catalog no. 33R-9482, is also available for use as a blocking control in assays to test for specificity of this SLCO1C1 antibody
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Lyophilized powder. Add distilled water for a 1 mg/mL concentration of SLCO0 1 antibody in PBS
Concentration:	Lot specific
Buffer:	PBS
Handling Advice:	Avoid repeated freeze/thaw cycles. Dilute only prior to immediate use.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.

Publications

Product cited in:	Szczupak, Peña, Bracho, Mei, Bas, Fernandez-Valle, Liu, Telischi, Ivan, Dinh: "Fluorescent Detection of Vestibular Schwannoma Using Intravenous Sodium Fluorescein In Vivo." in: **Otology & neurotology : official publication of the American Otological Society, American Neurotology Society [and] European Academy of Otology and Neurotology**, Vol. 42, Issue 4, pp. e503-e511, (2021) (PubMed).



Western Blotting

Image 1. SLCO1C1 antibody used at 1 ug/ml to detect target protein.