



SO1C1 mouse mAb

Catalog No	YP-mAb-11069
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	SLCO1C1 OATP14 OATP1C1 OATPF SLC21A14
Immunogen	Synthesized peptide derived from human SO1C1 AA range: 634-684
Specificity	This antibody detects endogenous levels of SO1C1 at Human/Mouse/Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	SO1C1;SLCO1C1 OATP14 OATP1C1 OATPF SLC21A14
Observed Band	
Calculated Molecular Weight	
Cell Pathway	Cell membrane ; Multi-pass membrane protein . Expressed in both luminal and abluminal membranes of brain capillary endothelial cells. Localized to the apical membrane and basal surfaces of choroid plexus (By similarity). .
Tissue Specificity	Highly expressed in brain and in Leydig cells in testis. Detected in many brain regions with the exception of pons and cerebellum. Not strongly enriched in cerebral microvessels.
Function	function:Mediates the Na(+)-independent high affinity transport of organic anions such as the thyroid hormones thyroxine (T4) and rT3. Other potential substrates, such as triiodothyronine (T3), 17-beta-glucuronosyl estradiol, estrone-3-sulfate and sulfobromophthalein (BSP) are transported with much lower efficiency., similarity:Belongs to the organo anion transporter (TC 2.A.60) family.,tissue specificity:Highly expressed in brain and in Leydig cells in testis. Detected in many brain regions with the exception of pons and cerebellum.,



Background

This gene encodes a member of the organic anion transporter family. The encoded protein 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 and reverse tri-iodothyronine. Polymorphisms in the gene encoding this protein may be associated with fatigue and depression in patients suffering from hyperthyroidism. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Mar 2009],

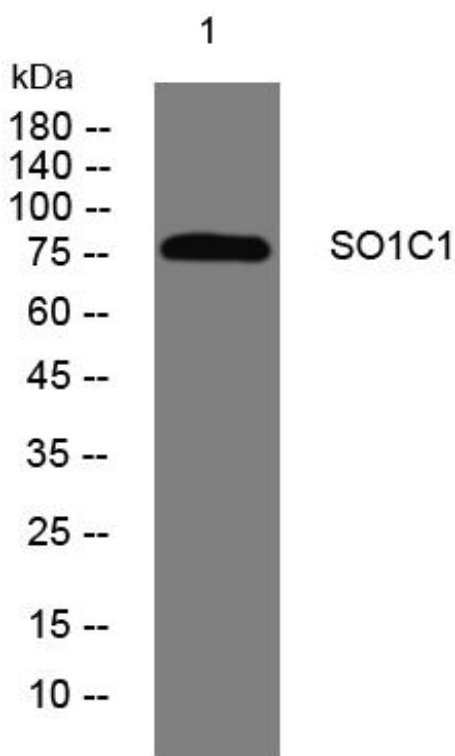
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using SO1C1 mouse mAb