

For Research Use Only

# SLCO2B1 Recombinant antibody

Catalog Number: 84353-1-RR



## Basic Information

<b>Catalog Number:</b> 84353-1-RR	<b>GenBank Accession Number:</b> NM_007256	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 1000 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 11309	<b>CloneNo.:</b> 241199F9
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> O94956	<b>Recommended Dilutions:</b> WB 1:5000-1:50000
<b>Isotype:</b> IgG	<b>Full Name:</b> solute carrier organic anion transporter family, member 2B1	
	<b>Calculated MW:</b> 77 kDa	
	<b>Observed MW:</b> 61-74 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : mouse liver tissue, mouse lung tissue
<b>Species Specificity:</b> human, mouse	

## Background Information

Solute carrier organic anion (SLCO) gene families encode organic anion transport proteins (OATP), which are membrane transporters widely expressed in the human body that influx numerous compounds and drugs including androgens. SLCO2B1 is a member of an organic anion transporter family and has previously been shown to transport a multitude of drugs and steroid hormone conjugates (PMID: 35714613). High expression of SLCO2B1 is known to associate with the resistance to androgen deprivation therapy in prostate cancer (PMID: 29581838). OATP2B1 was insensitive to endoglycosidase H, an enzyme that cleaves only high mannose glycans, as expected for a mature protein undergoing complex glycosylation.

## Storage

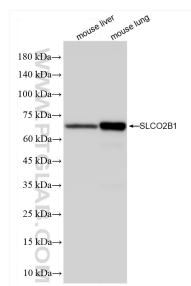
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
**Aliquoting is unnecessary for -20°C storage**

\*\*\* 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:  
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84353-1-RR (SLCO2B1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.