

## Anti-SLC2A1 antibody

<b>Cat. No.</b>	ml160433
<b>Package</b>	25 µl/100 µl/200 µl
<b>Storage</b>	-20°C, pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol

### Product overview

<b>Description</b>	Anti-SLC2A1 rabbit polyclonal antibody
<b>Applications</b>	ELISA, WB, IHC
<b>Immunogen</b>	Synthetic peptide of human SLC2A1
<b>Reactivity</b>	Human, Mouse, Rat
<b>Content</b>	0.4 mg/ml
<b>Host species</b>	Rabbit
<b>Ig class</b>	Immunogen-specific rabbit IgG
<b>Purification</b>	Antigen affinity purification

### Target information

<b>Symbol</b>	SLC2A1
<b>Full name</b>	solute carrier family 2 (facilitated glucose transporter), member 1
<b>Synonyms</b>	PED, DYT9, GLUT, DYT17, DYT18, EIG12, GLUT1, GLUT1DS
<b>Swissprot</b>	P11166

### Target Background

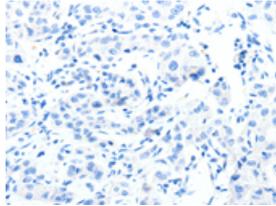
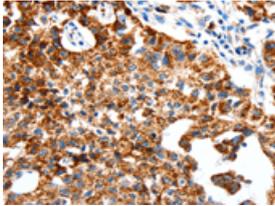
This gene encodes a major glucose transporter in the mammalian blood-brain barrier. Mutations in this gene have been found in a family with paroxysmal exertion-induced dyskinesia. Facilitative glucose transporter. This isoform may be responsible for constitutive or basal glucose uptake. Has a very broad substrate specificity; can transport a wide range of aldoses including both pentoses and hexoses.

订购热线: 4008-898-798

### Applications

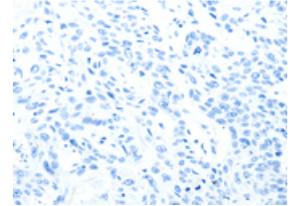
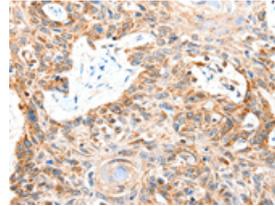
#### Immunohistochemistry

Predicted cell location: Cytoplasm  
Positive control: Human lung cancer  
Recommended dilution: 50-200



The image on the left is immunohistochemistry of paraffin-embedded Human lung cancer tissue using ml160433(SLC2A1 Antibody) at dilution 1/50, on the right is treated with synthetic peptide. (Original magnification:  $\times 200$ )

Predicted cell location: Cytoplasm  
Positive control: Human esophagus cancer  
Recommended dilution: 50-200



The image on the left is immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using ml160433(SLC2A1 Antibody) at dilution 1/50, on the right is treated with synthetic peptide. (Original magnification:  $\times 200$ )

#### Western blotting

Predicted band size: 54 kDa  
Positive control: Human seminoma tissue  
Recommended dilution: 500-2000

Gel: 10% SDS-PAGE

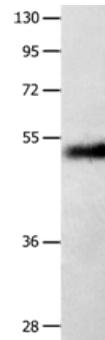
Lysate: 40  $\mu$ g

Lane: Human seminoma tissue

Primary antibody: ml160433(SLC2A1 Antibody) at dilution 1/850

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 10 minutes



#### ELISA

Recommended dilution: 2000-5000

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