SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-GLUT10 antibody

Catalog Number: SL6325R

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	GLUT10
Immunogen:	KLH conjugated synthetic peptide derived from human GLUT10: 288-335/541
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	ELISA=1:5000-10000 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	(predicted: Human, Mouse, Rat, Dog, Cow)
Predicted MW.:	67kDa
Subcellular Location:	cytoplasmic The cell membrane
Background:	Defects in SLC2A10 are the cause of arterial tortuosity syndrome (ATS) [MIM:208050]. ATS is an autosomal recessive disorder characterized by tortuosity and elongation of major arteries, often resulting in death at young age. Other typical features include aneurysms of large arteries and stenosis of the pulmonary artery, in association with facial features and several connective tissue manifestations such as soft skin and joint laxity. Histopathological findings include fragmentation of elastic fibers in the tunica media of large arteries. **Function:** Facilitative glucose transporter. **Subcellular Location:** Endomembrane system; Multi-pass membrane protein. Cytoplasm, perinuclear region. **Tissue Specificity:** Widely expressed; highest levels in liver and pancreas. **Similarity:** Belongs to the major facilitator superfamily. Sugar transporter (TC 2.A.1.1) family. Glucose transporter subfamily. **Database links:**

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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	UniProtKB/Swiss-Prot: O95528.2

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