

# SLC2A12 rabbit monoclonal antibody

Catalog # H00154091-K

Size 100 ug x up to 3

## Specification

Product Description	Rabbit monoclonal antibody raised against a human SLC2A12 peptide using ARM Technology.
Immunogen	A synthetic peptide of human SLC2A12 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen ( <a href="#">ARM Technology</a> ).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human SLC2A12 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) <sub>2</sub> , IgG, scFv and different Fc and non-Fc conjugates per customer request.

## Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

## Gene Info — SLC2A12

Entrez GeneID	<a href="#">154091</a>
GeneBank Accession#	<a href="#">SLC2A12</a>
Gene Name	SLC2A12
Gene Alias	GLUT12, GLUT8
Gene Description	solute carrier family 2 (facilitated glucose transporter), member 12
Omim ID	<a href="#">610372</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	SLC2A12 belongs to a family of transporters that catalyze the uptake of sugars through facilitated diffusion (Rogers et al., 2002). This family of transporters show conservation of 12 transmembrane helices as well as functionally significant amino acid residues (Joost and Thorens, 2001 [PubMed 11780753]).[supplied by OMIM]
Other Designations	OTTHUMP00000017245

## Disease

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- [Cleft Palate](#)
- [Genetic Predisposition to Disease](#)
- [Obesity](#)
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- [Polycystic Ovary Syndrome](#)
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