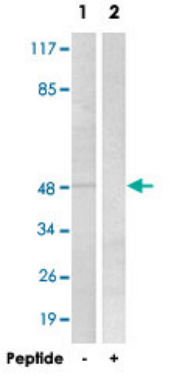
SLC16A3 polyclonal antibody

Catalog # PAB17775 Size 100 ug

Applications



Western Blot (Cell lysate)

Western blot analysis of extracts from LoVo cells, using SLC16A3 polyclonal antibody (Cat # PAB17775).
Peptide "+" means "with peptide blocking".

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of SLC16A3.
Immunogen	A synthetic peptide corresponding to internal of human SLC16A3.
Host	Rabbit
Reactivity	Human, Mouse, Rat
Specificity	This antibody detects endogenous levels of total SLC16A3 protein.
Form	Liquid
Recommend Usage	Western Blot (1:500-1:1000) ELISA (1:40000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (150mM NaCl, 0.02% sodium azide, 50% glycerol)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

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- Enzyme-linked Immunoabsorbent Assay

Gene Info — SLC16A3

Entrez GeneID	9123
Protein Accession#	O15427
Gene Name	SLC16A3
Gene Alias	MCT3, MCT4, MGC138472, MGC138474
Gene Description	solute carrier family 16, member 3 (monocarboxylic acid transporter 4)
Omim ID	603877
Gene Ontology	Hyperlink
Gene Summary	Lactic acid and pyruvate transport across plasma membranes is catalyzed by members of the pro ton-linked monocarboxylate transporter (MCT) family, which has been designated solute carrier fa mily-16. Each MCT appears to have slightly different substrate and inhibitor specificities and trans port kinetics, which are related to the metabolic requirements of the tissues in which it is found. Th e MCTs, which include MCT1 (SLC16A1; MIM 600682) and MCT2 (SLC16A7; MIM 603654), are characterized by 12 predicted transmembrane domains (Price et al., 1998 [PubMed 9425115]).[s upplied by OMIM
Other Designations	monocarboxylate transporter 3|monocarboxylate transporter 4|solute carrier family 16 (monocarbo xylic acid transporters), member 3|solute carrier family 16, member 3

Disease

- Cardiovascular Diseases
- Diabetes Mellitus

- Edema