

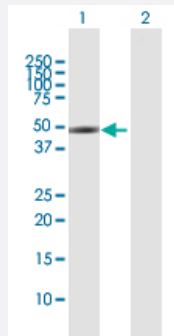
MaxPab®

SLC16A1 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00006566-D01P

Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of SLC16A1 expression in transfected 293T cell line ([H00006566-T01](#)) by SLC16A1 MaxPab polyclonal antibody.

Lane 1: SLC16A1 transfected lysate(54.00 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human SLC16A1 protein.
Immunogen	SLC16A1 (P53985, 1 a.a. ~ 500 a.a) full-length human protein.
Sequence	MPPAVGGPVGYTPPDGGWGWAVVIGAFISIGFSYAFPKSITVFFKEIEGIFHATTSEVSWISSIMLAV MYGGGPISSILVNKYGSRI/MVGGCLSGCGLIAASFCNTVQQLYVCIGVIGGLGLAFNLNPALTMIGK YFYKRRPLANGLAMAGSPVFLCTLAPLNQVFFGIFGWRGSFLILGGLLLNCCVAGALMRPIGPKPT KAGKDKSKASLEKAGKSGVKKDLHDANTDLIGRHPKQEKRSVFQTINQFLDLTLFTHRGFLLYLSG NVIMFFGLFAPLVFLSSYGKSQHYSEKSAFLLSILAFVDMVARPSMGLVANTKPIRPRIQYFFAAS VVANGVCHMLAPLSTTYVGFCVYAGFFGFAFGWLSSVLFETLMDLVGPQRFSSAVGLVTIVECC PVLLGPPLLGRINDMYGDYKYTYWACGVVLIISGIYLFIMGINYRLLAKEQKANEQKESKEEETS DVAGKPNEVTAAESPQKDEGGPKEEESPV
Host	Rabbit
Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of SLC16A1 expression in transfected 293T cell line ([H00006566-T01](#)) by SLC16A1 MaxPab polyclonal antibody.

Lane 1: SLC16A1 transfected lysate(54.00 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

Gene Info — SLC16A1

Entrez GeneID	6566
GeneBank Accession#	NM_003051.2
Protein Accession#	P53985
Gene Name	SLC16A1
Gene Alias	FLJ36745, HHF7, MCT, MCT1, MGC44475
Gene Description	solute carrier family 16, member 1 (monocarboxylic acid transporter 1)
Omim ID	245340 600682
Gene Ontology	Hyperlink
Gene Summary	The SLC16A1 gene encodes a monocarboxylate transporter (MCT1) that mediates the movement of lactate and pyruvate across cell membranes. Import and export of these substrates by tissues such as erythrocytes, muscle, intestine, and kidney are ascribed largely to the action of a proton-coupled MCT (Garcia et al., 1994 [PubMed 8124722]).[supplied by OMIM]
Other Designations	OTTHUMP00000013960 monocarboxylate transporter 1 solute carrier family 16 (monocarboxylic acid transporters), member 1 solute carrier family 16, member 1

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)

- [Hearing Loss](#)
- [Kidney Failure](#)