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MFS10 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP11346c

Product Information

Application	WB, E
Primary Accession	Q14728
Other Accession	NP_001111.3, NP_001139541.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB28971
Calculated MW	48339
Antigen Region	245-274

Additional Information

Gene ID	10227
Other Names	Major facilitator superfamily domain-containing protein 10, Tetracycline transporter-like protein, MFSD10, TETRAN
Target/Specificity	This MFS10 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 245-274 amino acids from the Central region of human MFS10.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.05% (V/V) Proclin 300. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	MFS10 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	SLC75A1 (HGNC:16894)
Function	Probable organic anion transporter which may serve as a transporter for some non-steroidal anti-inflammatory drugs (NSAIDs) as well as other organic anions across the luminal membranes of renal proximal tubules at the final

	excretion step into the urine.
Cellular Location	Nucleus inner membrane {ECO:0000250|UniProtKB:Q9D2V8}; Multi-pass membrane protein. Cell membrane; Multi-pass membrane protein
Tissue Location	Expressed in luminal membrane of renal tubules (at protein level) (PubMed:18638446). Detected in all tissues tested with higher expression in heart, splee, kidney, leukocytes and prostate (PubMed:18638446).

Background

This gene encodes a member of the major facilitator superfamily of transporter proteins. The encoded protein likely functions in efflux of organic anions, including the non-steroidal anti-inflammatory drugs indomethacin and diclofenac. Alternatively spliced transcript variants have been described. [provided by RefSeq].

References

Ushijima, H., et al. Biochem. Biophys. Res. Commun. 374(2):325-330(2008)
Mima, S., et al. FEBS Lett. 581(7):1457-1463(2007)
Duyao, M.P., et al. Hum. Mol. Genet. 2(6):673-676(1993)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.