

## MFS10 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP11346c

## **Specification**

# MFS10 Antibody (Center) - Product Information

Application WB,E
Primary Accession 014728

Other Accession NP 001111.3, NP 001139541.1

Reactivity
Host
Clonality
Polyclonal
Isotype
Calculated MW
Antigen Region

Human
Rabbit
Polyclonal
Rabbit IgG
245-274

## MFS10 Antibody (Center) - 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 0.09% (W/V) sodium azide. 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.

## MFS10 Antibody (Center) - Protein Information

#### Name MFSD10



## **Synonyms TETRAN**

**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**

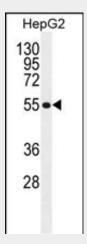
Expressed in luminal membrane of renal tubules (at protein level) (PubMed:18638446). Detected in all tissues tested with higher expression in heart, splee, kidney, leukocytes and prostate (PubMed:18638446).

## MFS10 Antibody (Center) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

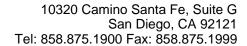
## MFS10 Antibody (Center) - Images



MFS10 Antibody (Center) (Cat. #AP11346c) western blot analysis in HepG2 cell line lysates (35ug/lane). This demonstrates the MFS10 antibody detected the MFS10 protein (arrow).

## MFS10 Antibody (Center) - 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].

# MFS10 Antibody (Center) - 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)