

Anti-SLC10A4 Antibody

Catalog # AP54105

Product Information

Application	WB
Primary Accession	Q96EP9
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	46504

Additional Information

Gene ID	201780
Other Names	Sodium/bile acid cotransporter 4; Na(+)/bile acid cotransporter 4; Solute carrier family 10 member 4
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human SLC10A4. The exact sequence is proprietary.
Dilution	WB~~1/500 - 1/1000
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.
Storage	Store at -20 °C. Stable for 12 months from date of receipt

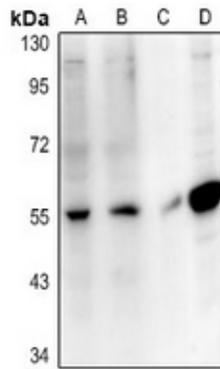
Protein Information

Name	SLC10A4
Function	Transporter for bile acids.
Cellular Location	Cell membrane; Multi-pass membrane protein
Tissue Location	Highly expressed in brain and small intestine, and moderately expressed in colon, heart, prostate, and testis. Very low levels were detected in kidney, liver, ovary, placenta, spleen, and thymus.

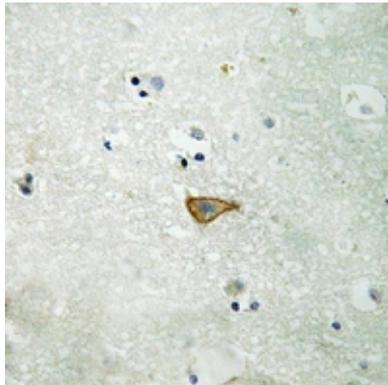
Background

Rabbit polyclonal antibody to SLC10A4

Images



Western blot analysis of SLC10A4 expression in U87MG (A), PC3 (B), mouse brain (C), rat brain (D) whole cell lysates.



Immunohistochemical analysis of SLC10A4 staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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