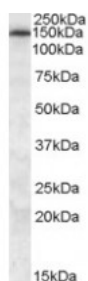


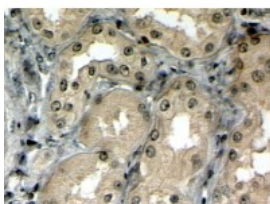


MRP5 Antibody

CATALOG NUMBER: 45-903



Western Blot (0.5ug/ml) staining of Human Frontal Cortex lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



Immunohistochemistry (4ug/ml) staining of paraffin embedded Human Kidney. Steamed antigen retrieval with citrate buffer pH 6, HRP-staining. Similar results with antigen retrieval at pH9.

Specifications

SPECIES REACTIVITY:	Human
TESTED APPLICATIONS:	ELISA, IHC-P, WB
APPLICATIONS:	ELISA: antibody detection limit dilution 1:32000. Western Blot: Approx. 150kDa band observed in Human Brain (Frontal Cortex) and Mouse Brain lysates (calculated MW of 161kDa according to NP_005679.2). Recommended concentration: 0.5-1.5ug/ml. Immunohistochemistry: In paraffin embedded Human Kidney shows membranous staining in DCT. Recommended concentration, 4-6ug/ml.
POSITIVE CONTROL:	1) Cat. No. 1366 - Human Frontal Lobe Tissue Lysate
SPECIFICITY:	This antibody is expected to recognize both reported isoforms (NP_005679.2; NP_001018881.1).
IMMUNOGEN:	MRP5 antibody was raised against a 12 amino acid synthetic peptide near the N-Terminus of MRP5.
HOST SPECIES:	Goat

Properties

PURIFICATION:	MRP5 antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
PHYSICAL STATE:	Liquid
BUFFER:	MRP5 antibody is supplied in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin.
CONCENTRATION:	500 ug/mL
STORAGE CONDITIONS:	Aliquot and store at -20°C. Minimize freezing and thawing.
CLONALITY:	Polyclonal
CONJUGATE:	Unconjugated

Additional Info

ALTERNATE NAMES:	ABCC5, ATP-binding cassette, sub-family C (CFTR/MRP), member 5, ABC33, DKFZp686C1782, EST277145, MOAT-C, MOATC, MRP5, SMRP, pABC11, sub-family C, canalicular multispecific organic anion transporter C
ACCESSION NO.:	NP_005679.2, NP_001018881.1

PROTEIN GI NO.: 66529005

OFFICIAL SYMBOL: ABCC5

GENE ID: 10057

Background

REFERENCES: 1) Meyer Zu Schwabedissen HE, Grube M, Heydrich B, Linnemann K, Fusch C, Kroemer HK, Jedlitschky G. Expression, localization, and function of MRP5 (ABCC5), a transporter for cyclic nucleotides, in human placenta and cultured human trophoblasts: effects of gestational age and cellular differentiation Am J Pathol. 2005 Jan;166(1):39-48.

FOR RESEARCH USE ONLY

December 13, 2016