

Rabbit SLC22A2 Polyclonal Antibody | anti-SLC22A2 antibody

SLC22A2 Antibody

CATALOG # AAA233646	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Immunohistochemistry, Western Blot, ELISA
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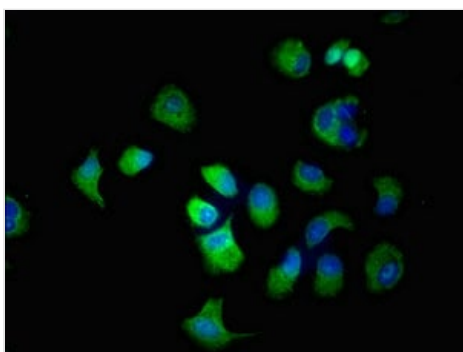
PRODUCT SYNONYMS

SLC22A2; Polyclonal Antibody; SLC22A2 Antibody; Solute carrier family 22 member 2; Organic cation transporter 2; hOCT2; OCT2; anti-SLC22A2 antibody

PRODUCT SPECIFICATIONS

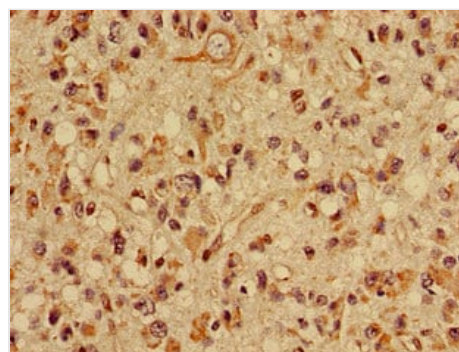
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	555
Applicable Applications for anti-SLC22A2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human Solute carrier family 22 member 2 protein (48-135AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



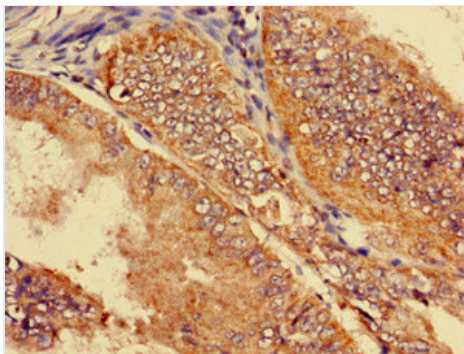
IF (Immunofluorescence)

Immunofluorescent analysis of MCF-7 cells using AAA233646 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



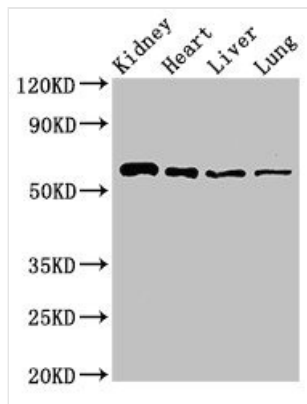
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human glioma cancer using AAA233646 at dilution of 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human endometrial cancer using AAA233646 at dilution of 1:100



WB (Western Blot)

Western Blot Positive WB detected in: Mouse kidney tissue, Rat heart tissue, Rat liver tissue, Rat lung tissue
All lanes: SLC22A2 antibody at 2.7ug/ml
Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution
Predicted band size: 63, 55, 27 KDa
Observed band size: 63 KDa

ADDITIONAL INFORMATION

Related Product Information for anti-SLC22A2 antibody	Mediates tubular uptake of organic compounds from circulation. Mediates the influx of agmatine, dopamine, noradrenaline (norepinephrine), serotonin, choline, famotidine, ranitidine, histamin, creatinine, amantadine, memantine, acriflavine, 4-[4-(dimethylamino)-styryl]-N-methylpyridinium ASP, amiloride, metformin, N-1-methylnicotinamide (NMN), tetraethylammonium (TEA), 1-methyl-4-phenylpyridinium (MPP), cimetidine, cisplatin and oxaliplatin. Cisplatin may develop a nephrotoxic action. Transport of creatinine is inhibited by fluoroquinolones such as DX-619 and LVFX. This transporter is a major determinant of the anticancer activity of oxaliplatin and may contribute to antitumor specificity.
Product Categories/Family for anti-SLC22A2 antibody	Metabolism; Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	302148518
NCBI GeneID	6582
NCBI Accession #	NP_003049.2
NCBI GenBank Nucleotide #	NM_003058.3
UniProt Accession #	O15244; Q5T7Q6; Q6PIQ8; Q8NG62; Q9NQB9
Molecular Weight	26,685 Da
NCBI Official Full Name	solute carrier family 22 member 2
NCBI Official Synonym Full Names	solute carrier family 22 member 2
NCBI Official Symbol	SLC22A2
NCBI Official Synonym Symbols	OCT2
NCBI Protein Information	solute carrier family 22 member 2
UniProt Protein Name	Solute carrier family 22 member 2
UniProt Gene Name	SLC22A2
UniProt Synonym Gene Names	OCT2; hOCT2

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

