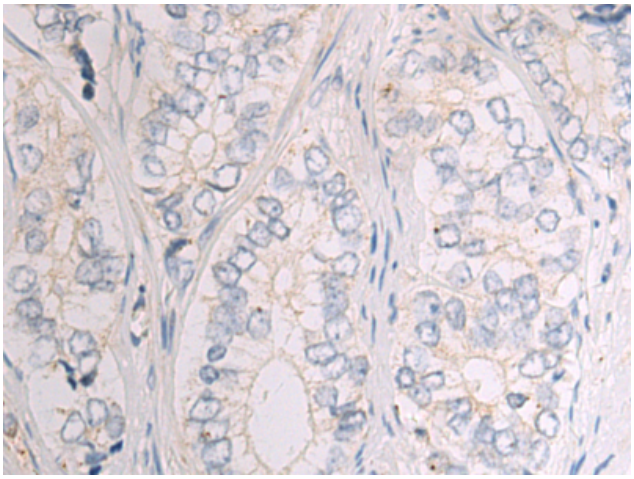
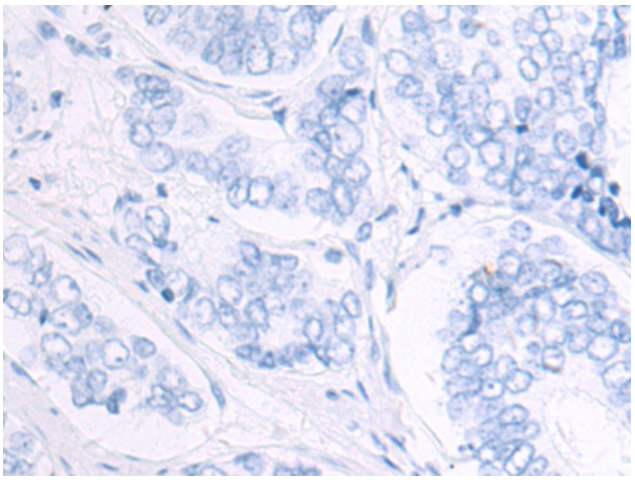
SLC47A1 RABBIT PAB

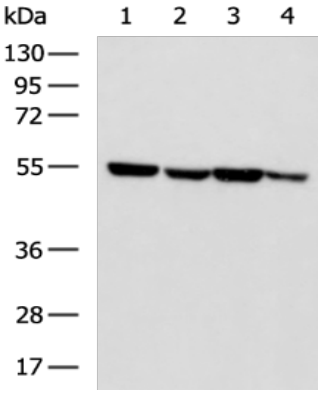
Cat.#: S216147
Product Name: Anti-SLC47A1 Rabbit Polyclonal Antibody
Synonyms: MATE1
UNIPROT ID: Q96FL8 (Gene Accession - NP_060712)
Background: Solute transporter for tetraethylammonium (TEA), 1-methyl-4-phenylpyridinium (MPP), cimetidine, N-methylnicotinamide (NMN), metformin, creatinine, guanidine, procainamide, topotecan, estrone sulfate, acyclovir, ganciclovir and also the zwitterionic cephalosporin, cephalexin and cephradin. Seems to also play a role in the uptake of oxaliplatin (a new platinum anticancer agent). Able to transport paraquat (PQ or N,N-dimethyl-4-4'-bipiridinium); a widely used herbicid. Responsible for the secretion of cationic drugs across the brush border membranes. This gene is located within the Smith-Magenis syndrome region on chromosome 17.
Immunogen: Synthetic peptide of human SLC47A1
Applications: ELISA, WB, IHC
Recommended Dilutions: IHC: 25-50;WB: 500-2000;ELISA: 5000-10000
Host Species: Rabbit
Clonality: Rabbit Polyclonal
Isotype: Immunogen-specific rabbit IgG
Purification: Antigen affinity purification
Species Reactivity: Human
Constituents: PBS (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol
Research Areas: Signal Transduction, Metabolism
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



Immunohistochemistry analysis of paraffin embedded Human prostate cancer tissue using 216147(SLC47A1 Antibody) at a dilution of 1/50(Cell membrane).



In comparision with the IHC on the left, the same paraffin-embedded Human prostate cancer tissue is first treated with the synthetic peptide and then with 216147(Anti-SLC47A1 Antibody) at dilution 1/50.



Gel: 8%SDS-PAGE, Lysate: 40 µg;
Lane 1-4: 293T, Hela, HepG2, A549 cell lysates;
Primary antibody: 216147(SLC47A1 Antibody) at dilution 1/400;
Secondary antibody: HRP-conjugated Goat anti rabbit IgG at 1/5000 dilution;
Exposure time: 10 seconds