

Rabbit anti-Human SLC22A3/OCT3 Monoclonal Antibody | anti-SLC22A3 antibody

SLC22A3/OCT3 Rabbit mAb

CATALOG # AAA282814	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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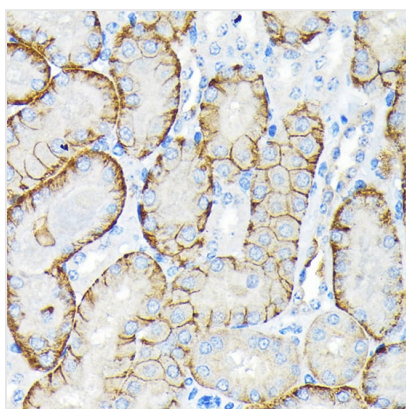
PRODUCT SYNONYMS

SLC22A3/OCT3; Monoclonal Antibody; SLC22A3/OCT3 Rabbit mAb; EMT; EMTH; OCT3; anti-SLC22A3 antibody

PRODUCT SPECIFICATIONS

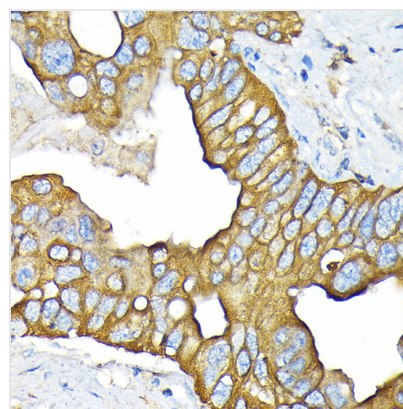
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	GDKALQILRR IAKCNGKYLS SNYSEITVTD EEVSNPSFLD LVRTPQMRKC TLILMFAWFT SAVVYQGLVM RLGIIGGNLY IDFFISGVVE LPGALLILT IERLGRRLPF AASNIVAGVA CLVTAFLPEG IAWLRTTVAT LGRLGITMAF
Applicable Applications for anti-SLC22A3 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Cross Reactivity	Human, Mouse
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 301-450 of human SLC22A3/OCT3 (O75751).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



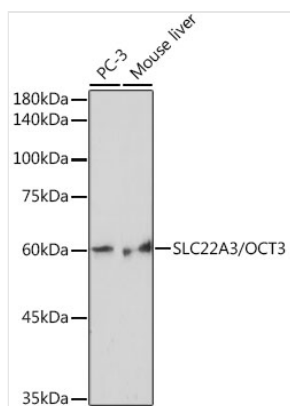
IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Mouse kidney using SLC22A3/OCT3 Rabbit mAb (AAA282814) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Human liver cancer using SLC22A3/OCT3 Rabbit mAb (AAA282814) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.



WB (Western Blot)

Western blot analysis of various lysates using SLC22A3/OCT3 Rabbit mAb (AAA282814) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 5s.

ADDITIONAL INFORMATION

Related Product Information for anti-SLC22A3 antibody	Polyspecific organic cation transporters in the liver, kidney, intestine, and other organs are critical for elimination of many endogenous small organic cations as well as a wide array of drugs and environmental toxins. This gene is one of three similar cation transporter genes located in a cluster on chromosome 6. The encoded protein contains twelve putative transmembrane domains and is a plasma integral membrane protein.
Product Categories/Family for anti-SLC22A3 antibody	Signal Transduction ; Metabolism ; Plasma Membrane ; Channels ; Neuroscience ; Neurotransmitter ; Transporters ; Other Transporters ; Metabolism ; Types of disease ; Cancer ; Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	11415038
NCBI GeneID	6581
NCBI Accession #	NP_068812.1
NCBI GenBank Nucleotide #	NM_021977.3
UniProt Accession #	O75751 ; Q5SYN6 ; Q9UP02
Molecular Weight	Calculated MW: 61kDa Observed MW: 61kDa
UniProt Protein Name	Solute carrier family 22 member 3
UniProt Gene Name	SLC22A3
UniProt Synonym Gene Names	EMTH; OCT3; EMT
UniProt Entry Name	S22A3_HUMAN

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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/slc22a3-oct3-antibody-immunohistochemistry-western-blot-elisa/282814>