

OCT1 Monoclonal Antibody

Cat No.:ES14402

For research use only

Overview

Product Name	OCT1 Monoclonal Antibody
Host species	Rabbit
Applications	IHC;IF;WB
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	IHC-p 1:50-200, WB 1:500-2000
Immunogen	Synthesized peptide derived from human OCT1 Monoclonal Antibody
Specificity	This antibody detects endogenous levels of human OCT1 Monoclonal Antibody
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	45200
Gene Name	SLC22A1 OCT1
Cellular localization	Basolateral cell membrane ; Multi-pass membrane protein .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	61kD
Human Gene ID	6580
Human Swiss-Prot Number	O15245
Alternative Names	Solute carrier family 22 member 1 (Organic cation transporter 1;hOCT1)
Background	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. Two transcript variants encoding two different isoforms have been found for this gene, but only the longer variant encodes a functional transporter. [provided by RefSeq, Jul 2008],

Immunohistochemical analysis of paraffin-embedded human tonsil. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).

