

Mouse anti-Human Organic Cation/Ergothioneine Transporter (OCTN1) Monoclonal Antibody | anti-OCTN1 antibody

Monoclonal Antibody to Organic Cation/Ergothioneine Transporter (OCTN1)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA149460	Mouse	Human	Western Blot

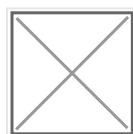
PRODUCT SYNONYMS

Organic Cation/Ergothioneine Transporter (OCTN1); Monoclonal Antibody; Monoclonal Antibody to Organic Cation/Ergothioneine Transporter (OCTN1); SLC22A4; ETT; UT2H; Solute Carrier Family 22 Member 4; ET transporter; anti-OCTN1 antibody

PRODUCT SPECIFICATIONS

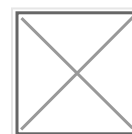
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1 Kappa
Clone Number	C1
Specificity	The antibody is a mouse monoclonal antibody raised against OCTN1. It has been selected for its ability to recognize OCTN1 in immunohistochemical staining and western blotting.
Purity/Purification	Antigen-specific affinity chromatography followed by Protein A affinity chromatography
Form/Format	Liquid; PBS, pH7.4, containing 0.02% NaN ₃ , 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence	Leu42~Lys1 41
Sequence Length	551
Applicable Applications for anti-OCTN1 antibody	WB (Western Blot)
Conjugation	None
Cross Reactivity	Human
Preparation and Storage	<p>Store at 4 degree C for frequent use. Aliquot and store at -20 degree C for 12 months. Avoid repeated freeze/thaw cycles.</p> <p>The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.</p>

IMAGES



WB (Western Blot)

Western Blot; Sample: Recombinant OCTN1, Human.



WB (Western Blot)

Western Blot; Sample: Lane 1: Human Serum; Lane 2: Rat Thymus lysate

NCBI AND UNIPROT INFORMATION

NCBI GI #	24497490
NCBI GeneID	6583
NCBI Accession #	NP_003050.2
NCBI GenBank Nucleotide #	NM_003059.3
UniProt Accession #	Q9H015
NCBI Official Full Name	solute carrier family 22 member 4
NCBI Official Synonym Full Names	solute carrier family 22 member 4
NCBI Official Symbol	SLC22A4
NCBI Official Synonym Symbols	OCTN1; DFNB60
NCBI Protein Information	solute carrier family 22 member 4
UniProt Protein Name	Solute carrier family 22 member 4
UniProt Gene Name	SLC22A4
UniProt Synonym Gene Names	ETT; OCTN1; UT2H; ET transporter
UniProt Entry Name	S22A4_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/organic-cation-ergothioneine-transporter-octn1-antibody-clone-c1-western-blot-elisa/149460>