

Rabbit MCTS1 Polyclonal Antibody | anti-MCTS1 antibody

MCTS1 Polyclonal Antibody

CATALOG # AAA166764	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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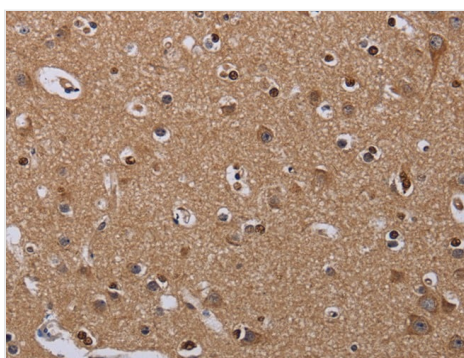
PRODUCT SYNONYMS

MCTS1; Polyclonal Antibody; MCTS1 Polyclonal Antibody; MCT1; MCT-1; anti-MCTS1 antibody

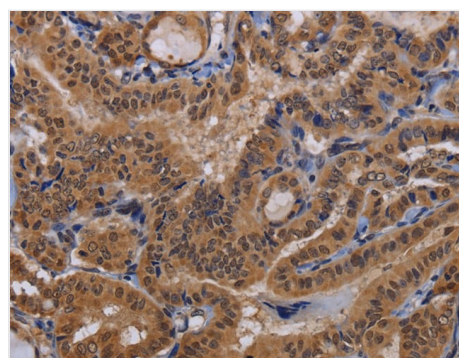
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	2.8mg/mL (varies by lot)
Sequence Length	169
Applicable Applications for anti-MCTS1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant protein of human MCTS1
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

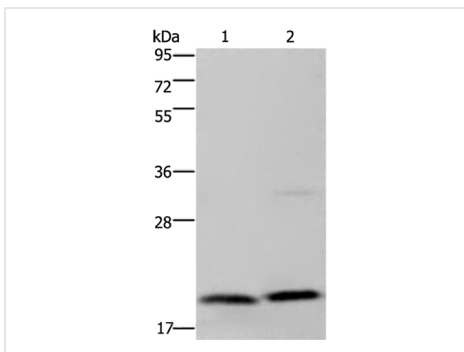
IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human brain using MCTS1 Polyclonal Antibody at dilution of 1:60


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human thyroid cancer using MCTS1 Polyclonal Antibody at dilution of 1:60



WB (Western Blot)

Western Blot analysis of Jurkat and PC3 cell using MCTS1 Polyclonal Antibody at dilution of 1:200

ADDITIONAL INFORMATION

Related Product Information for anti-MCTS1 antibody

MCTS1 (malignant T cell amplified sequence 1), also known as MCT1, is a 181 amino acid protein that is ubiquitously expressed and localizes to the cytoplasm of cells. MCTS1 may play a role in cell cycle regulation by decreasing cell doubling time and by shortening the duration of G1 transit time and G1/S transition. The protein level of Cdk4 and Cdk6 kinases activity and cyclin D1 is enhanced by expression of MCTS1. As a translation enhancer, MCTS1 recruits DENR and binds to the cap complex of the 5'-terminus of mRNAs, subsequently altering the mRNA translation profile. MCTS1 promotes lymphoid tumor development and contributes to the pathogenesis and progression of breast cancer. MCTS1 positively regulates phosphorylation of ERK1 and ERK2.

NCBI AND UNIPROT INFORMATION

NCBI GI #	63101207
NCBI GeneID	28985
Molecular Weight	20,550 Da
NCBI Official Full Name	MCTS1 protein
NCBI Official Synonym Full Names	malignant T cell amplified sequence 1
NCBI Official Symbol	MCTS1
NCBI Official Synonym Symbols	MCT1; MCT-1
NCBI Protein Information	malignant T-cell-amplified sequence 1; multiple copies T-cell malignancies
UniProt Protein Name	Malignant T-cell-amplified sequence 1
UniProt Gene Name	MCTS1
UniProt Synonym Gene Names	MCT1; MCT-1
UniProt Entry Name	MCTS1_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/polyclonal/mcts1-antibody-immunohistochemistry-western-blot-elisa/166764>