

Rabbit SLC25A19 Polyclonal Antibody | anti-SLC25A19 antibody

SLC25A19 Polyclonal Antibody

CATALOG # AAA177131	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot
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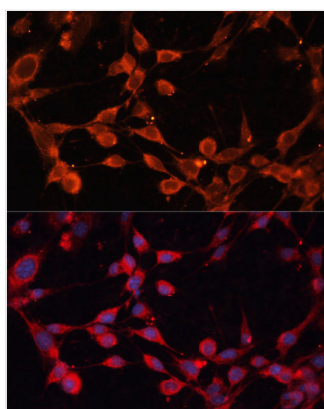
PRODUCT SYNONYMS

SLC25A19; Polyclonal Antibody; SLC25A19 Polyclonal Antibody; DNC; MCPHA; MUP1; THMD3; THMD4; TPC; anti-SLC25A19 antibody

PRODUCT SPECIFICATIONS

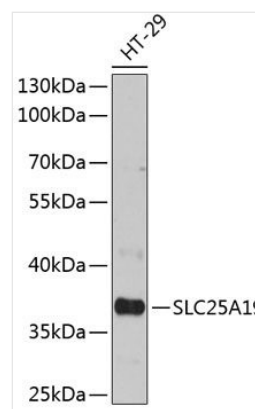
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-SLC25A19 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant fusion protein of human SLC25A19 (NP_0683803)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of NIH/3T3 cells using SLC25A19 Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of HT-29 cells using SLC25A19 Polyclonal Antibody at dilution of 1:3000.

ADDITIONAL INFORMATION

Related Product Information for anti-SLC25A19 antibody	This gene encodes a mitochondrial protein that is a member of the solute carrier family. Although this protein was initially thought to be the mitochondrial deoxynucleotide carrier involved in the uptake of deoxynucleotides into the matrix of the mitochondria, further studies have demonstrated that this protein instead functions as the mitochondrial thiamine pyrophosphate carrier, which transports thiamine pyrophosphates into mitochondria. Mutations in this gene cause microcephaly, Amish type, a metabolic disease that results in severe congenital microcephaly, severe 2-ketoglutaric aciduria, and death within the first year. Multiple alternatively spliced variants, encoding the same protein, have been identified for this gene.
Product Categories/Family for anti-SLC25A19 antibody	Polyclonal Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	186928856
NCBI GeneID	60386
NCBI Accession #	NP_068380.3
NCBI GenBank Nucleotide #	NM_021734.4
UniProt Accession #	Q9HC21; Q6V9R7; E9PF74
Molecular Weight	29,217 Da
NCBI Official Full Name	mitochondrial thiamine pyrophosphate carrier
NCBI Official Synonym Full Names	solute carrier family 25 (mitochondrial thiamine pyrophosphate carrier), member 19
NCBI Official Symbol	SLC25A19
NCBI Official Synonym Symbols	DNC; TPC; MUP1; MCPHA; THMD3; THMD4
NCBI Protein Information	mitochondrial thiamine pyrophosphate carrier; microcephaly, Amish; mitochondrial uncoupling protein 1; solute carrier family 25 (mitochondrial deoxynucleotide carrier), member 19
UniProt Protein Name	Mitochondrial thiamine pyrophosphate carrier
UniProt Gene Name	SLC25A19
UniProt Synonym Gene Names	DNC; MUP1
UniProt Entry Name	TPC_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://www.aaabiotech.com/polyclonal/slc25a19-antibody-immunofluorescence-western-blot-elisa/177131>