

Rabbit anti-Mouse, Rat SLC25A27 Polyclonal Antibody | anti-SLC25A27 antibody

SLC25A27 Polyclonal Antibody

CATALOG # AAA177191	HOST Rabbit	REACTIVITY Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot
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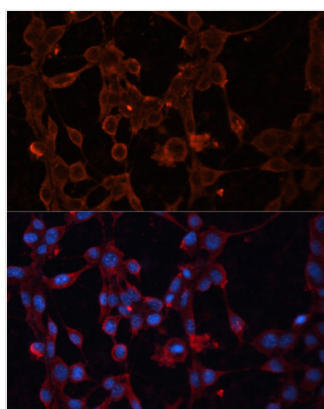
PRODUCT SYNONYMS

SLC25A27; Polyclonal Antibody; SLC25A27 Polyclonal Antibody; UCP4; anti-SLC25A27 antibody

PRODUCT SPECIFICATIONS

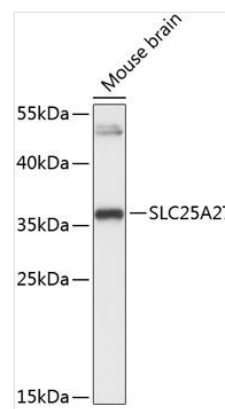
Host	Rabbit
Reactivity	Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-SLC25A27 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant fusion protein of human SLC25A27 (NP_0011909811)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of NIH/3T3 cells using SLC25A27 Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of Mouse brain using SLC25A27 Polyclonal Antibody at dilution of 1:3000.

ADDITIONAL INFORMATION

Related Product Information for anti-SLC25A27 antibody	Mitochondrial uncoupling proteins (UCP) are members of the larger family of mitochondrial anion carrier proteins (MACP). UCPs separate oxidative phosphorylation from ATP synthesis with energy dissipated as heat, also referred to as the mitochondrial proton leak. UCPs facilitate the transfer of anions from the inner to the outer mitochondrial membrane and the return transfer of protons from the outer to the inner mitochondrial membrane. They also reduce the mitochondrial membrane potential in mammalian cells. Tissue specificity occurs for the different UCPs and the exact methods of how UCPs transfer H+/OH- are not known. UCPs contain the three homologous protein domains of MACPs. Transcripts of this gene are only detected in brain tissue and are specifically modulated by various environmental conditions. Alternative splicing results in multiple transcript variants.
Product Categories/Family for anti-SLC25A27 antibody	Metabolism; Signal transduction; Polyclonal Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	323098332
NCBI GeneID	9481
NCBI Accession #	NP_001190980.1
NCBI GenBank Nucleotide #	NM_001204051.1
UniProt Accession #	O95847; Q5VTS9; Q8N518; F5GWR4
Molecular Weight	27,210 Da
NCBI Official Full Name	mitochondrial uncoupling protein 4 isoform 2
NCBI Official Synonym Full Names	solute carrier family 25, member 27
NCBI Official Symbol	SLC25A27
NCBI Official Synonym Symbols	UCP4
NCBI Protein Information	mitochondrial uncoupling protein 4; UCP 4
UniProt Protein Name	Mitochondrial uncoupling protein 4
UniProt Gene Name	SLC25A27
UniProt Synonym Gene Names	UCP4; UCP 4
UniProt Entry Name	UCP4_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/slc25a27-antibody-immunofluorescence-western-blot-elisa/177191>