

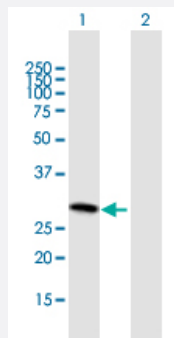
MaxPab®

SLC25A27 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00009481-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of SLC25A27 expression in transfected 293T cell line ([H00009481-T01](#)) by SLC25A27 MaxPab polyclonal antibody.

Lane 1: SLC25A27 transfected lysate(27.06 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human SLC25A27 protein.
Immunogen	SLC25A27 (AAH33091, 1 a.a. ~ 245 a.a) full-length human protein.
Sequence	MSVPEEEERLLPLTQRWPRASKFLLSGCAATVAELATFPLDLTKTRLQMQGEAALARLGDGARE SAPYRGMVRTALGIIIEEGFLKLWQGVTPAIYRHVVYSGGRMVTYHLREVVFVGKSEDEHYPLWK SVIGGMMAGVIGQFLVNPTDLVKVQMQMEGKRKLEKPLRFRGVHHAFKILAEGGIRGLWAGW VPNIQRAALVNMGDLTTYDTVKHYLVLNTPLEDNIMTHGLSSDLVGSHKAIQ
Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

Gene Info — SLC25A27

Entrez GeneID [9481](#)

GeneBank Accession# [BC033091](#)

Protein Accession# [AAH33091](#)

Gene Name SLC25A27

Gene Alias FLJ33552, UCP4

Gene Description solute carrier family 25, member 27

Gene Ontology [Hyperlink](#)

Gene Summary 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. [provided by RefSeq]

Other Designations OTTHUMP00000016548|uncoupling protein 4

Disease

- [Alzheimer disease](#)
- [Chromosome Aberrations](#)

- [Cognition](#)
- [Diabetes Mellitus](#)
- [Epilepsy](#)
- [Genetic Predisposition to Disease](#)
- [Migraine Disorders](#)
- [Multiple Sclerosis](#)
- [Schizophrenia](#)