DNAxPAb | Hard-to-Find Antibody

SLC25A27 DNAxPab

Catalog # H00009481-W01P Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a partial-length human SLC25A27 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Extracellular membrane domain (ECD) human DNA
Host	Rabbit
Reactivity	Human
Purification	Protein A
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.

Applications

- Western Blot (Transfected lysate)

  Protocol Download

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

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 ener gy dissipated as heat, also referred to as the mitochondrial proton leak. UCPs facilitate the transf er 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 membran e potential in mammalian cells. Tissue specificity occurs for the different UCPs and the exact met hods of how UCPs transfer H+/OH- are not known. UCPs contain the three homologous protein d omains 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