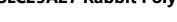
SLC25A27 Rabbit Polyclonal Antibody





Product Information

CAB13834

Product SKU: CAB13834 **Gene ID**: 9481 **Size**: 20uL, 100uL

Clone No: - Host Species: Rabbit Reactivity: Mouse, Rat

Additional Information

Observed MW: 36kDa **Conjugate:** Unconjugated

Calculated MW: 36kDa Isotype: IgG

Immunogen Information

Background: 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.

Recommended Dilution: WB,1:500 - 1:2000 IF/ICC,1:50 - 1:200

Synonyms: UCP4; SLC25A27

Purifcation Method: Affinity purification

Immunogen: Recombinant fusion protein containing a sequence corresponding to amino acids 1-245 of human

SLC25A27 (NP_001190981.1).

Storage: Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3.