



UCP5 rabbit pAb

Cat No.:ES9457

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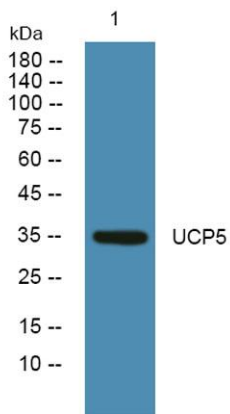
Overview

Product Name	UCP5 rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Mouse
Recommended dilutions	WB 1:500-2000 ELISA 1:5000-20000
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	UCP5 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Brain mitochondrial carrier protein 1 (BMCP-1) (Mitochondrial uncoupling protein 5) (UCP 5) (Solute carrier family 25 member 14)
Gene Name	SLC25A14 BMCP1 UCP5 UNQ791/PRO1682
Cellular localization	Mitochondrion inner membrane ; Multi-pass membrane protein .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	35kD
Human Gene ID	9016
Human Swiss-Prot Number	O95258
Alternative Names	
Background	Mitochondrial uncoupling proteins (UCP) are members of the larger family of mitochondrial anion carrier proteins (MACP). Uncoupling proteins separate oxidative phosphorylation from ATP synthesis with energy dissipated as heat, also referred to as the mitochondrial proton leak.





Uncoupling proteins 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. This gene is widely expressed in many tissues with the greatest abundance in brain and testis. Alternative splicing results in multiple transcript variants. A pseudogene of this gene has been defined on chromosome 4. [provided by RefSeq, Aug 2013],



Western blot analysis of lysates from U2OS cells, primary antibody was diluted at 1:1000, 4° over night

