

UCP2 Polyclonal Antibody

Catalog Number:E-AB-17512

Note: Centrifuge before opening to ensure complete recovery of vial contents.

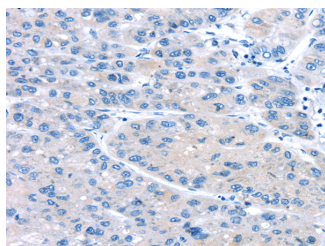
Description

Reactivity	Human,Mouse,Rat
Immunogen	Synthetic peptide of human UCP2
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Formulation	PBS with 0.05% sodium azide and 50% glycerol, PH7.4

Applications Recommended Dilution

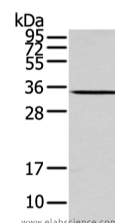
WB	1:200-1000
IHC	1:10-50
ELISA	1:1000-2000

Data



Immunohistochemistry of paraffin-embedded Human liver cancer using UCP2 Polyclonal Antibody at dilution of 1/20

Calculated Mw:33 kDa



Western Blot analysis of Mouse liver tissue using UCP2 Polyclonal Antibody at dilution of 1/200

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

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.

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