

**Anti-Human/Mouse UCP3 Polyclonal Antibody**

**Polyclonal Antibody**

**Cat.NO.: PA01959**

---

3th Edition

**Description:**UCP are mitochondrial transporter proteins that create proton leaks across the inner mitochondrial membrane, thus uncoupling oxidative phosphorylation. As a result, energy is dissipated in the form of heat. May play a role in the modulation of tissue respiratory control. Participates in thermogenesis and energy balance.

**Antigen:**Recombinant human Mitochondrial uncoupling protein 3 protein

**Form:**

**How to use:**1.0 ml distilled water will be added to the product

**Stability:** Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

**Dilution:**PBS (pH7.4) containing 1% BSA

**Application:**This antibody can be used for western blotting in concentration of 1?5?g/ml.

**Specificity:**Only in skeletal muscle and heart. Is more expressed in glycolytic than in oxidative skeletal muscles.