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COX4I1 Polyclonal Antibody

Cat #: G-AB-05263

Host: Rabbit **Reactivity:** Human, Mouse, Rat

Isotype: IgG **Clonality:** Polyclonal

Overview:
COX4I1,also named as COX4 and COXIV-1,belongs to the cytochrome c oxidase IV family. It is one of the nuclear-coded polypeptide chains of cytochrome c oxidase,the terminal oxidase in mitochondrial electron transport. COX4I1 is a marker for mitochondria. It has two isoforms (isoform 1 and 2). Isoform 1(COX4I1) is ubiquitously expressed and isoform 2 is highly expressed in lung tissues. COX4I1 is commonly used as a loading control. This antibody is specific to COX4I1 and do not cross reacts with COX4I2.

Gene ID:

Accession #:

Immunogen: Recombinant protein corresponding to Mouse COX IV

Conjugation: Unconjugated

Swissprot: P13073,P19783,P10888

Calculated Molecular Weight: 16 kDa

Observed Molecular Weight: 16 kDa

Concentration: 0.82 mg/mL

Buffer: PBS with 0.02% sodium azide, 1% BSA and 50% glycerol, pH7.4

Purification Method: Affinity purification

Application: WB,IHC,IF

Dilution: WB 1:500-1:2000, IHC 1:200-1:800, IF 1:200-1:500

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