

Anti-COX7B2 Antibody

CATALOG NO.: A1758-100 100 µl.

BACKGROUND DESCRIPTION: The cytochrome c oxidase (COX) family of proteins functions as the final electron donor in the respiratory chain to drive a proton gradient across the inner mitochondrial membrane, ultimately resulting in the production of water and ATP. The mammalian COX apoenzyme is a dimer, with each monomer consisting of 13 subunits, some of which are mitochondrial and some of which are nuclear. COX7b (cytochrome c oxidase subunit VIIb polypeptide) and COX7b2 (cytochrome c oxidase subunit VIIb polypeptide 2) are 80 and 81 amino acid proteins, respectively, which exist as components of the COX complex, therefore playing an important role in electron transport. A rare polymorphism in the COX7b2 gene at codon 26 may be linked to nasopharyngeal carcinoma (NPC), the most common head and neck cancer in southern China.

ALTERNATE NAMES: Cytochrome c oxidase polypeptide VIIb2, Cytochrome c oxidase subunit 7B2 mitochondrial, MGC102754.

ANTIBODY TYPE: Polyclonal

CONCENTRATION: 0.2 mg/ml

HOST/ISOTYPE: Rabbit / IgG.

IMMUNOGEN: Recombinant protein of human COX7B2.

PURIFICATION: Affinity purification.

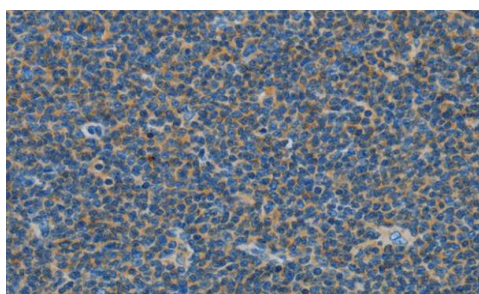
FORM: Liquid.

FORMULATION: PBS with 0.05% sodium azide, 50% glycerol, PH7.3

SPECIES REACTIVITY: Human.

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

APPLICATIONS AND USAGE: IHC 1:15-1:50.



: IHC staining of paraffin-embedded Human lymphoma tissue using Anti-COX7B2 Antibody.

RELATED PRODUCTS:

- Anti-COX6B1 Antibody (A1757).
- Anti-COXIV Isoform 2 Antibody (A1401).
- Cyclooxygenase (COX) Activity Assay Kit (Fluorometric) (K549).
- Anti-COX6B1 Antibody (A1757).
- Anti-COX7B Antibody (A1756).

FOR RESEARCH USE ONLY | Not to be used on humans

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