

COX10 polyclonal antibody

Catalog: BS8978

Host: Rabbit

Reactivity: Human, Mouse

BackGround:

COX10 is an assembly factor for cytochrome c oxidase (COX, also known as complex IV) in the mitochondrial electron transport chain. Studies show that, when the gene encoding the β 2-adrenergic receptor (Adrb2) is deleted, increased oxidative phosphorylation in endothelial cells inhibits angiogenesis. Deletion of Cox10 prevents the metabolic switch to oxidative phosphorylation in endothelial cells deleted of Adrb2, causing angiogenesis and cancer progression. In addition, COX10 contributes to T cell quiescence exit and is critical for T cell activation.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 49 kDa

Swiss-Prot:

Q12887

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB, 1:500 - 1:1000

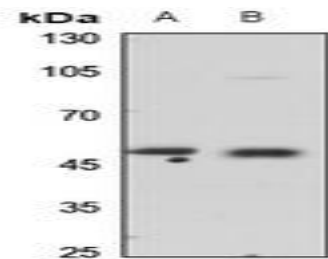
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

COX10 polyclonal antibody detects endogenous levels of COX10 protein.

DATA:



Western blot analysis of COX10 expression in HEK293T (A), HGC27 (B) whole cell lysates.

Note:

For research use only, not for use in diagnostic procedure.

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