

Cox-17 (N8) polyclonal antibody

Catalog: BCP00557

Host: Rabbit

Reactivity: Human

BackGround:

Cytochrome c oxidase 17 (COX17) is a nuclear gene encoding an assembly protein necessary for proper COX apoenzyme-dependent mitochondrial respiration. The mammalian COX apoenzyme is a heteromer consisting of three mitochondrial genes that encode catalytic subunits and several nuclear genes that encode structural subunits. COX17 influences the recruitment of copper to the mitochondria for incorporation into the COX apoenzyme.

Product:

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

Molecular Weight:

~ 7 kDa

Swiss-Prot:

Q14061

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

IHC: 1:50~1:200

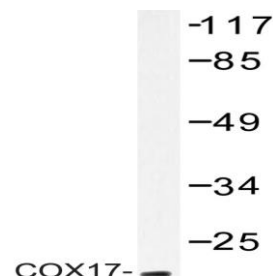
IF: 1:50~1:200

Storage&Stability:

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

Specificity:

COX17 (N8) polyclonal antibody detects endogenous levels of COX17 protein.

DATA:

Western blot (WB) analysis of Cox-17 (N8) pAb at 1:500 dilution

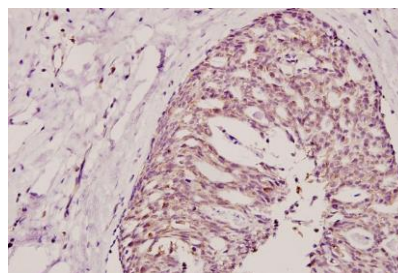
Lane1:PC3 whole cell lysate(40ug)

Lane2:HEK293T whole cell lysate(40ug)

Lane3:Panc1 whole cell lysate(40ug)

Lane4:H9C2 whole cell lysate(40ug)

Lane5:AML-12 whole cell lysate(40ug)



Immunohistochemistry (IHC) analyzes of Cox-17 (N8) pAb in paraffin-embedded human breast carcinoma tissue at 1:100.

Note:

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