

CABC1 polyclonal antibody

Catalog: BS62286

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

CABC1 (chaperone activity of bc1 complex-like), also known as COQ8 or ADCK3 (aarF domain-containing protein kinase 3) is a 647 amino acid mitochondrial protein that belongs to the protein kinase superfamily. Ubiquitously expressed with higher expression in heart and skeletal muscle, CABC1 is thought to function as a chaperone in the proper assembly of protein complexes found in the respiratory chain. CABC1 expression is induced both in response to DNA damage and by the tumor suppressor p53. When CABC1 expression is inhibited, p53-induced apoptosis is partially suppressed, suggesting a possible role for CABC1 in tumor suppression. Mutations in the gene encoding CABC1 may be implicated in ubiquinone deficiency, which can lead to cerebellar ataxia and seizures. Four isoforms of CABC1 exist due to alternative splicing events.

Product:

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

Molecular Weight:

~ 72 kDa

Swiss-Prot:

Q8NI60

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

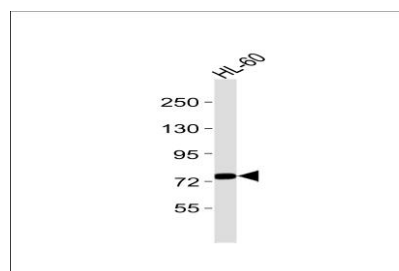
Storage&Stability:

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

Specificity:

CABC1 polyclonal antibody detects endogenous levels of CABC1 protein.

DATA:



Western blot analysis of extracts of HL-60 cell line, using CABC1 polyclonal antibody.

Note:

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

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