

COQ2 rabbit pAb

Cat No.:ES17299

For research use only

Overview

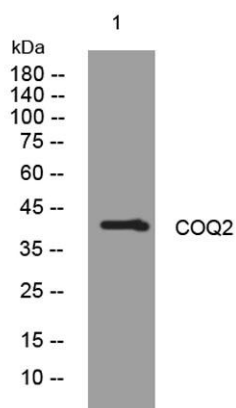
Product Name	COQ2 rabbit pAb
Host species	Rabbit
Applications	WB
Species Cross-Reactivity	Human; Mouse;Rat
Recommended dilutions	WB 1: 500-2000
Immunogen	Synthesized peptide derived from human COQ2 AA range: 160-210
Specificity	This antibody detects endogenous levels of COQ2 at Human/Mouse/Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	COQ2
Gene Name	COQ2 CL640
Cellular localization	Mitochondrion inner membrane ; Multi-pass membrane protein ; Matrix side .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	
Human Gene ID	27235
Human Swiss-Prot Number	Q96H96
Alternative Names	
Background	This gene encodes an enzyme that functions in the final steps in the biosynthesis of CoQ (ubiquinone), a redox carrier in the mitochondrial respiratory chain and a lipid-soluble antioxidant. This enzyme, which is part of the coenzyme Q10 pathway, catalyzes the prenylation of parahydroxybenzoate with an all-trans polyprenyl group. Mutations in this gene cause coenzyme Q10 deficiency, a mitochondrial





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encephalomyopathy, and also COQ2 nephropathy, an inherited form of mitochondriopathy with primary renal involvement. [provided by RefSeq, Oct 2009],



Western blot analysis of lysates from SW480 cells, primary antibody was diluted at 1:1000, 4° over night



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