

## COQ2 Rabbit Polyclonal Antibody

### Description

Product type	Primary Antibody
Code	BT-AP01794
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	Synthesized peptide derived from human COQ2
Mol wt	40810
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB
Concentration	1 mg/ml
Full name	COQ2
Synonyms	COQ2

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

### Background

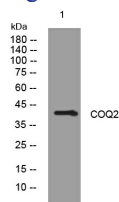
This gene encodes an enzyme that functions in the final steps in the biosynthesis of CoQ (ubiquinone) a redox carrier in the mitochondrial respiratory chain and a lipid-soluble antioxidant. This enzyme which is part of the coenzyme Q10 pathway catalyzes the prenylation of parahydroxybenzoate with an all-trans polyprenyl group. Mutations in this gene cause coenzyme Q10 deficiency a mitochondrial encephalomyopathy and also COQ2 nephropathy an inherited form of mitochondriopathy with primary renal involvement.

### Recommended Dilution

WB: 1: 500 - 1: 2000

Not yet tested in other applications.

### Images



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

### Storage

-20°C for 1 year