

COQ6 Polyclonal Antibody

Catalog number: 12481-1-AP

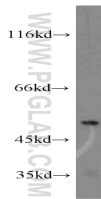
Size: 20 µg/150 µl

Source: Rabbit

Isotype: IgG

Synonyms:

COQ6; CGI 10, COQ6



mouse heart tissue were subjected to SDS PAGE followed by western blot with 12481-1-AP(COQ6 antibody) at dilution of 1:200

Background

COQ6(Coenzyme Q10 monooxygenase 6) is also named as CGI-10 and belongs to the ubiH/COQ6 family. It is an evolutionarily conserved flavin-dependent monooxygenase required for biosynthesis of coenzyme Q10, or ubiquinone. It has 3 isoforms produced by alternative splicing and In inner ear, Coq6 is expressed in spiral ganglion, stria vascularis cells, and spiral ligament(PMID:21540551).Defects in COQ6 are the cause of coenzyme Q10 deficiency, primary, type 6 (COQ10D6).

Applications

Tested applications:	ELISA, WB
Species specificity:	Human,Mouse,Rat; other species not tested.
Calculated COQ6 MW:	468aa,51kd
Observed COQ6 MW:	51kd
Positive WB detected in	Mouse heart tissue
Recommended dilution:	WB: 1:200-1:1000

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag3164
GenBank accession number:	BC014181
Gene ID (NCBI):	51004
Full name:	Coenzyme Q6 homolog, monooxygenase (<i>S. cerevisiae</i>)

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3. Store at -20°C.