

COQ4 purified MaxPab mouse polyclonal antibody (B01P) MaxPab®

Catalog # : H00051117-B01P

規格 : [50 ug]

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Specification

Product Description: Mouse polyclonal antibody raised against a full-length human COQ4 protein.

Immunogen: COQ4 (AAH11895.1, 1 a.a. ~ 265 a.a) full-length human protein.

Sequence:
 MATLLRPVLRRLCGLPGLQRPAEMPLRARS DGAGPLYSHHLPTSPLQ
 KALLAAGSAAMALYNPYRHDMVAVLGETTGHRTLKVL RDQMRRDPEGA
 QILQERPRISTLTDL GKLQSLPEGSLGREYL RFLDVNRVSPDTRAPTRF
 VDDEELAYVIQRYREVHDMLHTLLGMPTNILGEIVKWF EAVQTGLPMCIL
 GAFFGPIRLGAQSLQVLVSELIPWAVQNGRRAPCVLNLYYERRWEQSLR
 ALREELGITAPPMHVQGLA

Host: Mouse

Reactivity: Human

Quality Control Testing: Antibody reactive against mammalian transfected lysate.

Storage Buffer: In 1x PBS, pH 7.4

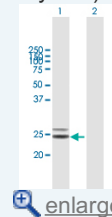
Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.


MSDS:  [Download](#)

Datasheet:  [Download](#)

Application Image

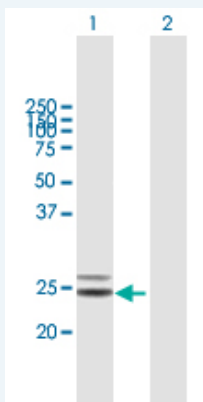
Western Blot (Transfected lysate)



 [enlarge](#)

Applications


Western Blot (Transfected lysate)



Western Blot analysis of COQ4 expression in transfected 293T cell line ([H00051117-T01](#)) by COQ4 MaxPab polyclonal antibody.

Lane 1: COQ4 transfected lysate(29.15 KDa).

Lane 2: Non-transfected lysate.

 [Protocol Download](#)

Gene Information

Entrez GeneID: [51117](#)

GeneBank
Accession#: [BC011895](#)

Protein
Accession#: [AAH11895.1](#)

Gene Name: COQ4

Gene Alias: CGI-92

Gene
Description: coenzyme Q4 homolog (S. cerevisiae)

Gene Ontology: [Hyperlink](#)

Gene Summary: Coenzyme Q (CoQ) is a small lipophilic molecule that transports electrons between mitochondrial respiratory chain complexes and functions as a cofactor for mitochondrial enzymes. COQ4 is an enzyme involved in CoQ biosynthesis (Casarin et al., 2008 [PubMed 18474229]).[supplied by OMIM]

Other
Designations: OTTHUMP00000022262,coenzyme Q4 homolog

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