

Datasheet

CCDC44 MaxPab mouse polyclonal antibody (B01)

Catalog Number: H00051204-B01

Regulation Status: For research use only (RUO)

Product Description: Mouse polyclonal antibody raised against a full-length human CCDC44 protein.

Immunogen: CCDC44 (NP_057444.2, 1 a.a. ~ 297 a.a) full-length human protein.

Sequence:

MSAWAAASLSRAAARCLLARGPGVRAAPPRDPRPSH
PEPRGCGAAPGRTLHFTAAVPAGHNKWSKVRHIKGP
KDVERSRIFSKLCLNIRLAVKEGGPNPEHNSNLANILEV
CRSKHMPKSTIETALKMEKSKDTYLLYEGRPGGSSL
LIEALSNSSHKCQADIRHILNKGGVMAVGARHSFDDK
GVIVVEVEDREKKAVNLERALEMAIEAGAEDVKETED
EERNVFKFICDASSLHQVRKKLDSLGLCSVSCALEFIP
NSKVQLAEPDLEQAAHLIQALSNHEDVIHVYDNIE

Host: Mouse

Reactivity: Human

Applications: WB-Tr

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Storage Buffer: No additive

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

Entrez GeneID: 51204

Gene Symbol: CCDC44

Gene Alias: -

Gene Summary: TACO1 is a mitochondrial translational activator required for efficient translation of cytochrome c oxidase (COX) subunit I (MTCO1; MIM 516030) (Weraarpachai et al., 2009), a component of complex IV

of the mitochondrial respiratory complex.[supplied by OMIM]

References:

1. A mutation in the FAM36A gene, the human ortholog of COX20, impairs cytochrome c oxidase assembly and is associated with ataxia and muscle hypotonia. Szklarczyk R, Wanschers BF, Nijtmans LG, Rodenburg RJ, Zschocke J, Dikow N, van den Brand MA, Hendriks-Franssen MG, Gilissen C, Veltman JA, Nooteboom M, Koopman WJ, Willems PH, Smeitink JA, Huynen MA, van den Heuvel LP. Hum Mol Genet. 2012 Nov 22.