

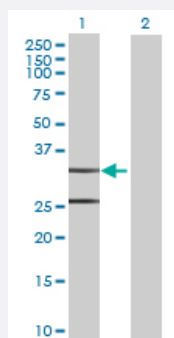
MaxPab®

CCDC44 MaxPab mouse polyclonal antibody (B01)

Catalog # H00051204-B01

Size 50 uL

Applications



Western Blot (Transfected lysate)

Western Blot analysis of CCDC44 expression in transfected 293T cell line ([H00051204-T01](#)) by CCDC44 MaxPab polyclonal antibody.

Lane 1: CCDC44 transfected lysate(32.67 KDa).

Lane 2: Non-transfected lysate.

Specification

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	MSAWAAASLSRAAARCLLARGPGVRAAPPRDPRPSHPEPRGCGAAPGRTLHFTAAVPAGHNK WSKVRHIKGP KDVERSIFSKLCLNIRLAVKEGGPNPEHNSNLANILEVCRSKHMPKSTIETALKM EKSKDTYLLYEGRPGGSSLLIEALSNSSSHKCQADIRHILNKNGGVMAGVARGHSFDKKGVMVEVE DREKKAVNLERALEMAIEAGAEDVKETEDDEEERNVFKFICDASSLHQVRKKLDSLGLCSVSCAL EFIPNSKVQLAEPDLEQAHLIQALS NHEDVIHVYDNIE
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Rat (77)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Note For IHC and IF applications, antibody purification with Protein A will be needed prior to use.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of CCDC44 expression in transfected 293T cell line ([H00051204-T01](#)) by CCDC44 MaxPab polyclonal antibody.

Lane 1: CCDC44 transfected lysate(32.67 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

Gene Info — CCDC44

Entrez GeneID [51204](#)

GeneBank Accession# [NM_016360.2](#)

Protein Accession# [NP_057444.2](#)

Gene Name CCDC44

Gene Alias -

Gene Description coiled-coil domain containing 44

Gene Ontology [Hyperlink](#)

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]

Other Designations clone HQ0477 PRO0477p

Publication Reference

- [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, Nootboom M, Koopman WJ, Willems PH, Smeitink JA, Huynen MA, van den Heuvel LP.

Human Molecular Genetics 2013 Feb; 22(4):656.

Application: WB-Ce, Human, Fibroblasts