

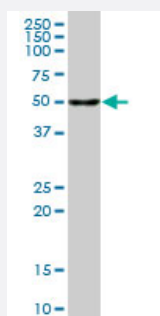
MaxPab®

CALCOCO2 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00010241-B01P

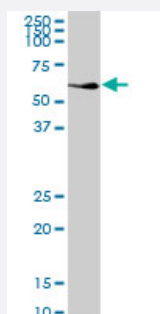
Size 50 ug

Applications



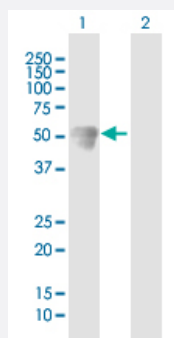
Western Blot (Tissue lysate)

CALCOCO2 MaxPab polyclonal antibody. Western Blot analysis of CALCOCO2 expression in human liver.



Western Blot (Tissue lysate)

CALCOCO2 MaxPab polyclonal antibody. Western Blot analysis of CALCOCO2 expression in human pancreas.



Western Blot (Transfected lysate)

Western Blot analysis of CALCOCO2 expression in transfected 293T cell line ([H00010241-T01](#)) by CALCOCO2 MaxPab polyclonal antibody.

Lane 1: CALCOCO2 transfected lysate(49.06 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human CALCOCO2 protein.

Immunogen	CALCOCO2 (NP_005822.1, 1 a.a. ~ 446 a.a) full-length human protein.
Sequence	MEETIKDPPTSAVLLDHCHFSQVIFNSVEKFYIPGGDVTCHYTFTQHFIPRRKDWIGIFRVGWKTTR EYYTFMWVTLPIDLNNKSAKQQEVQFKAYYLPKDDEYYQFCYVDEDGVVRGASIPFQFRPENEEED ILVVTQGEVEEIEQHKNELCKENQELKDSCISLQKQNSDMQAELQKKQEELETLSINKKLELKV KEQKDYWETELLQLKEQNQKMSSENEKMGIRVDQLQAQLSTQEKEMEKLQVQGDQDKTEQLEQL KKENDHLFLSLTEQRKDQKKLEQTVEQMKQNETTAMKKQELMDENFDLSKRLSENEIICNALQR QKERLEGENDLLKRENSRLLSYMGLDFNSLPYQVPTSDEGGARQNPGLAYGNPYSGIQESSSPS PLSIKKCPICKADDICDHTLEQQQMQLCFNCPICDKIFPATEKQIFEDHVFCHSL
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.

Applications

- Western Blot (Tissue lysate)

CALCOCO2 MaxPab polyclonal antibody. Western Blot analysis of CALCOCO2 expression in human liver.

[Protocol Download](#)

- Western Blot (Tissue lysate)

CALCOCO2 MaxPab polyclonal antibody. Western Blot analysis of CALCOCO2 expression in human pancreas.

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- Western Blot (Transfected lysate)

Western Blot analysis of CALCOCO2 expression in transfected 293T cell line ([H00010241-T01](#)) by CALCOCO2 MaxPab polyclonal antibody.

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[Protocol Download](#)

Gene Info — CALCOCO2

Entrez GeneID [10241](#)

GeneBank Accession#	NM_005831.3
Protein Accession#	NP_005822.1
Gene Name	CALCOCO2
Gene Alias	MGC17318, NDP52
Gene Description	calcium binding and coiled-coil domain 2
Omim ID	604587
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a subunit of nuclear domain 10 (ND10) bodies. ND10 bodies are nuclear domains appearing immunohistochemically as ten dots per nucleus. They are believed to be associated with the nuclear matrix on the basis of their resistance to nuclease digestion and salt extraction. ND10 proteins are removed from the nucleus by herpes simplex virus-1 infection and may have a role in viral life cycles. [provided by RefSeq]
Other Designations	nuclear domain 10 protein

Publication Reference

- [Inner mitochondrial membrane protein Prohibitin 1 mediates Nix-induced, Parkin-independent mitophagy.](#)

Kibrom M Alula, Yaritza Delgado-Deida, Rosemary Callahan, Andreas Till, Lucia Underwood, Winston E Thompson, Rhonda F Souza, Themistocles Dassopoulos, Joseph Onyiah, K Venuprasad, Arianne L Theiss.

Scientific Reports 2023 Jan; 13(1):18.

Application: WB-Ce, Mouse, Mouse intestinal epithelial cells

- [Coordinate regulation of the senescent state by selective autophagy.](#)

Yeonghyeon Lee, Jaejin Kim, Mi-Sung Kim, Yoojin Kwon, Sanghee Shin, Hyerim Yi, Hyeonkyeong Kim, Moon Jong Chang, Chong Bum Chang, Seung-Baik Kang, V Narry Kim, Jin-Hong Kim, Jong-Seo Kim, Stephen J Elledge, Chanhee Kang.

Developmental Cell 2021 May; 56(10):1512.

Application: WB-Tr, Human, Human fibroblasts

- [Transbilayer Movement of Sphingomyelin Precedes Catastrophic Breakage of Enterobacteria-Containing Vacuoles.](#)

Cara J Ellison, Wanda Kukulski, Keith B Boyle, Sean Munro, Felix Randow.

Current Biology : CB 2020 Aug; 30(15):2974.

Application: IF, Human, HeLa cells

- [The Cargo Receptor NDP52 Initiates Selective Autophagy by Recruiting the ULK Complex to Cytosol-Invading Bacteria.](#)

Ravenhill BJ, Boyle KB, von Muhlinen N, Ellison CJ, Masson GR, Otten EG, Foeglein A, Williams R, Randow F.

Molecular Cell 2019 Apr; 74(2):320.

Application: IF, WB, Human, HEK 293T, HeLa cells