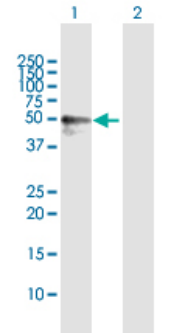
MaxPab®

CALCOCO2 MaxPab rabbit polyclonal antibody (D01)

Catalog # H00010241-D01 Size 100 uL

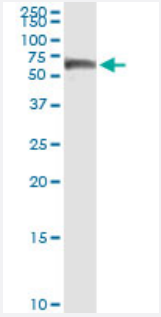
Applications



Western Blot (Transfected lysate)

Western Blot analysis of CALCOCO2 expression in transfected 293T cell line (H00010241-T02) by CALCOCO2 MaxPab polyclonal antibody.

Lane 1: CALCOCO2 transfected lysate(52.30 KDa).
Lane 2: Non-transfected lysate.



Immunoprecipitation

Immunoprecipitation of CALCOCO2 transfected lysate using anti-CALCOCO2 MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with CALCOCO2 purified MaxPab mouse polyclonal antibody (B01P) (H00010241-B01P).

Specification

Product Description	Rabbit 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 EYYTFMWVTLPIDLNNKSAKQQEVQFKAYYLPKDDEYYQFCYVDEDGVVRGASIPFQFRPENEED ILVVTTQGEVEEIEQHNKELCKENQELKDSCISLQKQNSDMQAELQKKQEELETLQSINKKLELKV KEQKDYWETELLQLKEQNQKMSSENEKMGIRVDQLQAQLSTQEKEMEKLVQGDQDKTEQLEQL KKENDHLFLSLTEQRKDQKKLEQTVEQMKQNETTAMKKQQELMDENFDLSKRLSENEIICNALQR QKERLEGENDLLKRENSRLLSYMGLDFNSLPYQVPTSDEGGARQNPGLAYGNPYSGIQESSSPS PLSIKKCPICKADDICDHTLEQQQMQPLCFNCPICDKIFPATEKQIFEDHVFCHSL

Host	Rabbit
Reactivity	Human
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.

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  Protocol Download

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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

- Interferon-Inducible E3 Ligase RNF213 Facilitates Host-Protective Linear and K63-Linked Ubiquitylation of Toxoplasma gondii Parasitophorous Vacuoles.

  Dulcemaria Hernandez, Stephen Walsh, Luz Saavedra Sanchez, Mary S Dickinson, Jörn Coers.

  Mbio 2022 Sep; e0188822.

  Application: IF, Human, A549 cells

- The bacterial effector GarD shields Chlamydia trachomatis inclusions from RNF213-mediated ubiquitylation and destruction.

  Stephen C Walsh, Jeffrey R Reitano, Mary S Dickinson, Miriam Kutsch, Dulcemaria Hernandez, Alyson B Barnes, Benjamin H Schott, Liuyang Wang, Dennis C Ko, So Young Kim, Raphael H Valdivia, Robert J Bastidas, Jörn Coers.

  Cell Host & Microbe 2022 Dec; 30(12):1671.

  Application: IF-Ce, Human, A-549 cells

- Caspase-11 activation requires lysis of pathogen-containing vacuoles by IFN-induced GTPases.

  Meunier E, Dick MS, Dreier RF, Schurmann N, Kenzelmann Broz D, Warming S, Roose-Girma M, Bumann D, Kayagaki N, Takeda K, Yamamoto M, Broz P.

  Nature 2014 May; 509(7500):366.

  Application: IF, Mouse, Bone-marrow-derived macrophages

- The ubiquitin ligase parkin mediates resistance to intracellular pathogens.

  Manzanillo PS, Ayres JS, Watson RO, Collins AC, Souza G, Rae CS, Schneider DS, Nakamura K, Shiloh MU, Cox JS.

  Nature Research 2013 Sep; 501(7468):512.

  Application: IF, Mouse, BMDMs