

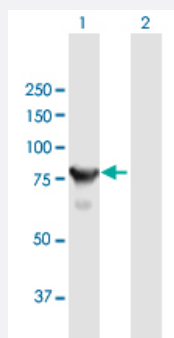
MaxPab®

CTNNAL1 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00008727-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of CTNNAL1 expression in transfected 293T cell line ([H00008727-T01](#)) by CTNNAL1 MaxPab polyclonal antibody.

Lane 1: CTNNAL1 transfected lysate(80.74 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human CTNNAL1 protein.

Immunogen

CTNNAL1 (NP_003789, 1 a.a. ~ 734 a.a) full-length human protein.

Sequence

MAASPGPAGVGGAGAVYSGSSGFALDSGLEIKTRSVEQTLLPLVSQITTLINHKDNTKKSDKTLQ
AIQRVGQAVNLAVGRFVKVGEAIANENWDLKEEINIACIEAKQAGETIAALTDITLNHLESDGQITIF
TDKTGVIKAAARLLSSVTKVLLLADRVVIKQITSRNKVLATMERLEKVNSFQEFVQIFSQFGNEMVE
FAHLSGDRQNDLKDEKKKAKMAAARAVLEKCTMMLLTASKTCLRHPNCESAHKNKEGVFDRMK
VALDKVIEVTDCKPNGETDISSISIFTGIKEFKMNIEALRENLYFQSKENLSVTLEVILERMEDFTDSA
YTSHEHRERILELSTQARMELQQLISVWQAQSKKTKSIAEELELSILKISHSLNELKKELHSTATQLA
ADLLKYHADHVVLKALKLTGVEGNLEALAEYACKLSEQKEQLVETCRLLRHISGTEPLEITCIHAE
TFQVTGQQIISAAETLTHPSSKIAKENLDVFCEAWESQISDMSTLLREINDVFEGRRGEKYGYLSL
PKPMKNNANLKS LKPDKPDSEEQAKIAKLGLKLGLLTSDADCEIEKWEDQENEIVQYGRNMSSM
AYSLLYFTRGEGPLKTSQDLIHQLEVFAAEGLKLTSSVQAFSKQLKDDDKMLLLEINKLIPLCHQL
QVTKTSLQNKVFLKVDKCITKTRSMALLVQLLSLCYKLLKKLQMENNGWVSVTNKDTMDSKT

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence

Mouse (87); Rat (86)

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.

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[Protocol Download](#)

Gene Info — CTNNAL1

Entrez GeneID	8727
GeneBank Accession#	NM_003798
Protein Accession#	NP_003789
Gene Name	CTNNAL1
Gene Alias	CLLP, FLJ08121, alpha-CATU
Gene Description	catenin (cadherin-associated protein), alpha-like 1
Omim ID	604785
Gene Ontology	Hyperlink
Gene Summary	O
Other Designations	OTTHUMP00000021872 alpha-catulin alpha2-catulin catenin, alpha-like 1

Publication Reference

- [\$\alpha\$ -Catulin promotes cancer stemness by antagonizing WWP1-mediated KLF5 degradation in lung cancer.](#)

Chia-Hao Tung, Meng-Fan Huang, Chen-Hsien Liang, Yi-Ying Wu, Jia-En Wu, Cheng-Lung Hsu, Yuh-Ling Chen, Tse-Ming Hong.
Theranostics 2022 Jan; 12(3):1173.

Application: IP, WB-Ce, WB-Tr, Human, CL1-0, CL1-5, HOP-62 cells

- [alpha-Catulin knockdown induces senescence in cancer cells.](#)

Cheng HC, Kim SR, Oo TF, Kareva T, Yarygina O, Rzhetskaya M, Wang C, During M, Talloczy Z, Tanaka K, Komatsu M, Kobayashi K, Okano H, Kholodilov N, Burke RE.

Oncogene 2011 Jun; 30(23):2610.

Application: WB, Human, OC2, A-549 cells

Disease

- [Genetic Predisposition to Disease](#)
- [Narcolepsy](#)