

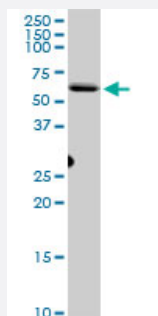
MaxPab®

CEP55 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00055165-B01P

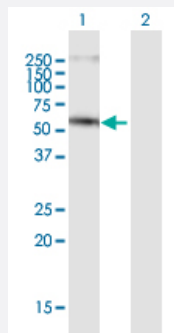
Size 50 ug

Applications



Western Blot (Cell lysate)

CEP55 MaxPab polyclonal antibody. Western Blot analysis of CEP55 expression in HeLa.



Western Blot (Transfected lysate)

Western Blot analysis of CEP55 expression in transfected 293T cell line ([H00055165-T01](#)) by CEP55 MaxPab polyclonal antibody.

Lane 1: CEP55 transfected lysate(51.04 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human CEP55 protein.

Immunogen

CEP55 (NP_060601.2, 1 a.a. ~ 464 a.a) full-length human protein.

Sequence

MSSRSTKDLIKSKWGSKPSNSKSETTLEKLKGEIAHLKTSVDEITSGKGKLTDKERHRLLEKIRVLE
AEKEKNAYQLTEKDKEIQRRLDQLKARYSTTALLEQLEETTREGERREQVLKALSEEKDVLKQQL
SAATSRIAELESKTNTLRLSQTVAPNCFNSSINNIHEMEIQLKDALEKNQQWLVDQQREVYVKGLL
AKIFELEKKTETAHSLPQQTKKPESEGYLQEEKQKCYNDLLASAKKDLEVERQTITQLSFELSEF
RRKYEETQKEVHNLNQLLYSQRRADVQHLEDDRHKTEKIQLREENDIARGKLEEEKKRSEELLS
QVQFLYTSLLKQQEEQTRVALLEQQMQACTLDFENEKLDQRHVQHQLLVILKELRKARNQITQLES
LKQLHEFAITEPLVTFQGETENREKVAASPKSPTAALNESLVECPKCNIQYPATEHRDLLVHVEYC
SK

Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (75); Rat (76)
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 (Cell lysate)

CEP55 MaxPab polyclonal antibody. Western Blot analysis of CEP55 expression in HeLa.

[Protocol Download](#)

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[Protocol Download](#)

Gene Info — CEP55

Entrez GeneID	55165
GeneBank Accession#	NM_018131.3
Protein Accession#	NP_060601.2
Gene Name	CEP55
Gene Alias	C10orf3, FLJ10540, URCC6
Gene Description	centrosomal protein 55kDa
Omim ID	610000
Gene Ontology	Hyperlink

Other Designations

OTTHUMP00000020117|up-regulated in colon cancer 6

Publication Reference

- [Loss of coiled-coil protein Cep55 impairs neural stem cell abscission and results in p53-dependent apoptosis in developing cortex.](#)

Jessica N Little, Katrina C McNeely, Nadine Michel, Christopher J Bott, Kaela S Lettieri, Madison R Hecht, Sara A Martin, Noelle D Dwyer.

Journal of Neuroscience 2021 Apr; 41(15):3344.

Application: WB-Ce, Mouse, MEFs

- [A truncating mutation in CEP55 is the likely cause of MARCH, a novel syndrome affecting neuronal mitosis.](#)

Frosk P, Arts HH, Philippe J, Gunn CS, Brown EL, Chodirker B, Simard L, Majewski J, Fahiminiya S, Russell C, Liu YP; FORGE Canada Consortium; Canadian Rare Diseases: Models & Mechanisms Network,, Hegele R, Katsanis N, Goerz C, Del Bigio MR, Davis EE.

Journal of Medical Genetics 2017 Jul; 54(7):490.

Application: WB, Human, COS-7 cells

Disease

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