

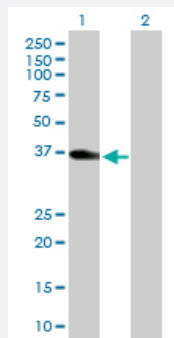
MaxPab®

KATNA1 MaxPab mouse polyclonal antibody (B02P)

Catalog # H00011104-B02P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of KATNA1 expression in transfected 293T cell line ([H00011104-T03](#)) by KATNA1 MaxPab polyclonal antibody.

Lane 1: KATNA1 transfected lysate(35.30 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human KATNA1 protein.
Immunogen	KATNA1 (AAH50428.1, 1 a.a. ~ 311 a.a) full-length human protein.
Sequence	MSLLMISENVKLAREYALLGNYDSAMVYYQGVLDQMKNKYLSVKDTYLQQKWQQVWQEINVEAK HVKDIMKTLESFKLDSTPLKAAQHDLPASEGEVWSMPVPVERRPSPGPRKRQSSQYSDPKSHG NRPSTTVRVHRSSAQNVHNDRGKAVRCREKKEQNKGREEKGVLMMVGPPGTGKTLLAKAVATEC KTTFFNVSSSTLTSKYRGESEKLVRLLFEMARFYSPATIFIDEIDSICSRRTSEEHEASRRVKAELL VQMDGVGGTSENDDPSKMVMVLAATNFPWDIDEALRRRLEKRIPLPSGMRP
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (61); Rat (84)
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 — KATNA1

Entrez GeneID [11104](#)

GeneBank Accession# [BC050428](#)

Protein Accession# [AAH50428.1](#)

Gene Name KATNA1

Gene Alias -

Gene Description katanin p60 (ATPase-containing) subunit A 1

Omim ID [606696](#)

Gene Ontology [Hyperlink](#)

Gene Summary Microtubules, polymers of alpha and beta tubulin subunits, form the mitotic spindle of a dividing cell and help to organize membranous organelles during interphase. Katanin is a heterodimer that consists of a 60 kDa ATPase (p60 subunit A 1) and an 80 kDa accessory protein (p80 subunit B 1). The p60 subunit acts to sever and disassemble microtubules, while the p80 subunit targets the enzyme to the centrosome. This gene encodes the p80 subunit. This protein is a member of the AAA family of ATPases. [provided by RefSeq]

Other Designations OTTHUMP00000017392|katanin p60 subunit A 1