

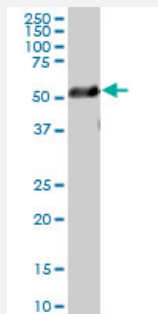
MaxPab®

TUBB1 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00081027-B01P

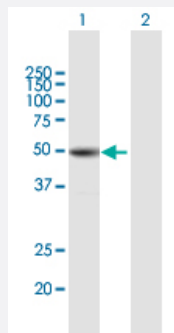
Size 50 ug

Applications



Western Blot (Tissue lysate)

TUBB1 MaxPab polyclonal antibody. Western Blot analysis of TUBB1 expression in rat brain.



Western Blot (Transfected lysate)

Western Blot analysis of TUBB1 expression in transfected 293T cell line by TUBB1 MaxPab polyclonal antibody.

Lane 1: TUBB1 transfected lysate(49.61 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human TUBB1 protein.

Immunogen

TUBB1 (NP_110400.1, 1 a.a. ~ 451 a.a) full-length human protein.

Sequence

MREIVHIQIQCGNQIGAKFWEMIGEEHGIDLAGSDRGASALQLERISVYYNEAYGRKYVPRAVLVD
LEPGTMDISRSSKLGALFQPDSEFVHGNSGAGNNWAKGHYTEGAELIENVLEVVRHESESCDCLQ
GFQVHSLGGGTGSGMGTLTLLMNKIREEYPDRIMNSFSVMPSPKVSDTVVEPYNAVLSIHQLIENAD
ACFCIDNEALYDICFRTLKLTPTYGDLNHLVSLTMSGITSLRFPQGQLNADLRKLAVNMVFPRLH
FFMPGFAPLTAQGSQQYRALSVAELTQQMFDARNTMAACDLRRGRYLTVACIFRGKMSTKEVDQ
QLLSVQTRNSSCFVEWIPNNVKVAVCDIPPRGLSMAATFIGNNTAIQEIFNRVSEHFSAMFKRKAF
VHWYTSEGMDINEFGAEENNIHDLVSEYQQFQDAKAVLEEDVEETEEAEMEPEDKGH

Host	Mouse
Reactivity	Human, Rat
Interspecies Antigen Sequence	Mouse (91); Rat (91)
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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- Western Blot (Tissue lysate)

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[Protocol Download](#)

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[Protocol Download](#)

Gene Info — TUBB1

Entrez GeneID	81027
GeneBank Accession#	NM_030773
Protein Accession#	NP_110400.1
Gene Name	TUBB1
Gene Alias	dJ543J19.4
Gene Description	tubulin, beta 1
Gene Ontology	Hyperlink

Gene Summary

Microtubules are involved in a wide variety of cellular processes, including mitosis, morphogenesis, platelet formation, and mobility of cilia and flagella. Circulating platelets carry a single marginal microtubule coil that is wound in 8 to 12 turns and is responsible for platelet shape. TUBB1 is the major beta-tubulin expressed in platelets and megakaryocytes and is required for optimal platelet assembly (Wang et al., 1986 [PubMed 3782288]; Schulze et al., 2004 [PubMed 15315966]).[supplied by OMIM]

Other Designations

OTTHUMP00000031411|beta tubulin 1, class VI

Pathway

- [Gap junction](#)
- [Pathogenic Escherichia coli infection - EHEC](#)

Disease

- [Cardiovascular Diseases](#)
- [Genetic Predisposition to Disease](#)
- [Hemorrhagic Disorders](#)
- [Myocardial Infarction](#)
- [Thrombocytopenia](#)
- [Thrombosis](#)