

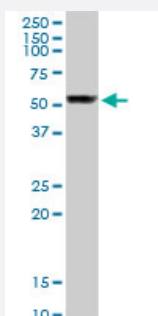
MaxPab®

TUBB1 MaxPab rabbit polyclonal antibody (D01)

Catalog # H00081027-D01

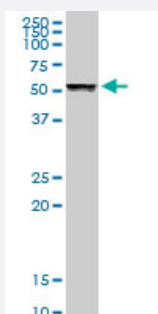
Size 100 uL

Applications



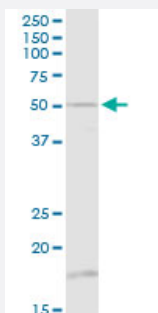
Western Blot (Tissue lysate)

TUBB1 MaxPab rabbit polyclonal antibody. Western Blot analysis of TUBB1 expression in mouse lung.



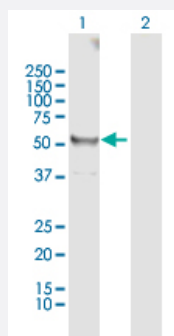
Western Blot (Tissue lysate)

TUBB1 MaxPab rabbit polyclonal antibody. Western Blot analysis of TUBB1 expression in human liver.



Western Blot (Cell lysate)

TUBB1 MaxPab rabbit polyclonal antibody. Western Blot analysis of TUBB1 expression in A-431.

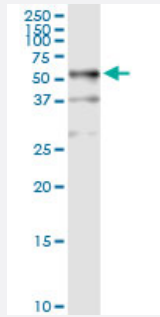


Western Blot (Transfected lysate)

Western Blot analysis of TUBB1 expression in transfected 293T cell line ([H00081027-T02](#)) by TUBB1 MaxPab polyclonal antibody.

Lane 1: TUBB1 transfected lysate(50.30 KDa).

Lane 2: Non-transfected lysate.



Immunoprecipitation

Immunoprecipitation of TUBB1 transfected lysate using anti-TUBB1 MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with TUBB1 purified MaxPab mouse polyclonal antibody (B01P) ([H00081027-B01P](#)).

Specification

Product Description	Rabbit 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	MREIVHIQIGQCQGNQIGAKFWEMIGEEHGDLAGSDRGASALQLERISVYYNEAYGRKYVPRAVLVD LEPGTMDSIRSSKLGALFQPDSEVHGNSGAGNNWAKGHYTEGAELIENVLEVVRHESESCDCLQ GFQVHSLGGGTGSGMGTLMLNKIREEYPDRIMNSFSVMPSKVSDTVVEPYNAVLSIHQLIENAD ACFCIDNEALYDICFRTLKLTTPTYGDLNHLVSLTMSGITSLRFPQQLNADLRKLAVNMVFPRLH FFMPGFAPLTAQGSQQYRALSVAELTQQMFDAANTMAACDLRRGRYLTACIFRGKMSTKEVDQ QLLSVQTRNSSCFVEWIPNNVKVAVCDIPPRGLSMAATFIGNNTAIQEIFNRVSEHFSAMFKRKAF VHWYTSEGMDINEFGAEENIHDLVSEYQQFQDAKAVLEEDEEVTEEAEMEPEDKGH
Host	Rabbit
Reactivity	Human, Mouse
Interspecies Antigen Sequence	Mouse (91); Rat (91)
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.

Applications

- Western Blot (Tissue lysate)

TUBB1 MaxPab rabbit polyclonal antibody. Western Blot analysis of TUBB1 expression in mouse lung.

[Protocol Download](#)

- Western Blot (Tissue lysate)

TUBB1 MaxPab rabbit polyclonal antibody. Western Blot analysis of TUBB1 expression in human liver.

[Protocol Download](#)

- Western Blot (Cell lysate)

TUBB1 MaxPab rabbit polyclonal antibody. Western Blot analysis of TUBB1 expression in A-431.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of TUBB1 expression in transfected 293T cell line ([H00081027-T02](#)) by TUBB1 MaxPab polyclonal antibody.

Lane 1: TUBB1 transfected lysate(50.30 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Immunoprecipitation

Immunoprecipitation of TUBB1 transfected lysate using anti-TUBB1 MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with TUBB1 purified MaxPab mouse polyclonal antibody (B01P) ([H00081027-B01P](#)).

[Protocol Download](#)

Gene Info — TUBB1

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