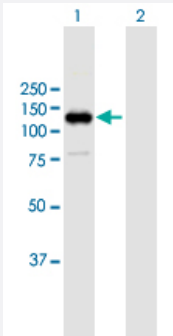


MaxPab®

RB1 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00005925-B01P Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of RB1 expression in transfected 293T cell line ([H00005925-T01](#)) by RB1 MaxPab polyclonal antibody.

Lane 1: RB1 transfected lysate(102.08 KDa).
Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human RB1 protein.
Immunogen	RB1 (ABM85678.1, 1 a.a. ~ 928 a.a) full-length human protein.
Sequence	MPPKTPRKTAATAAAAAAEPAPPPPPPEEDPEQDSGPEDLPLVRLEFEETEEDFTALCQKL KIPDHVRERAWLTWEKVSSVDGVLGGYIQKKELWGICIFIAAVDLDEMSFTFTTELQKNIEISVHKF FNLLKEIDTSTKVDNAMSRLKKYDVLFAFSLKERTCELYLTQPSSSISTEINSALVLKVSWITFLL AKGEVLQMEDDLVISFQLMLCVLDYFIKLSPPMLLKEPYKTAVIPINGSRPTPRRGQNRSARIAKQL ENDTRIIIVLCKEHECNIDEVKNVYFKNFIPFMNSLGLVTSNGLPEVENLSKRYEIMLKNKDLDARL FLDHDKTLQTDSIDSFETQRTPRKSNLDEEVNVIPTHTPVRTVMNTIQQLMILNSASDQPSENIS YFNNCTVNPKESILKRVKDIGYIFKEKFAKAVGQGCVEIGSQRYKLGVRLYRVMESMLKSEEERL SIQNFSKLLNDNIFHMSLLACALEVVMATYSRSTSQNLDSGTDLSFPWILNVNLKAFDFYKVIESFI KAEGNLTREMIKHLERCEHRIMESLAWLSDSPLFDLIKQSKDREGPTDHLESACPLNPLQNNHT AADMYLSPVRSPKKKGSTTRVNSTANAETQATSAFQTQKPLKSTSLSLFYKKVYRLAYLRNLTLCE RLLSEHPELEHIIVTLFQHTLQNEYELMRDRHLDQIMMCSMYGICKVKNDLKFKIIVTAYKDLPHAV QETFKRVLKEEEYDSIIVFYNVFMQRLKTNILQYASTRPPTLSPIPHIPRSPYKFPSSPLRIPGGNYI SPLKSPYKISEGLPTPTKMTPRSRLVSIGESFGTSEKFQKINQMVCNSDRVLKRSAEGSNPPKPL KKLRFDIEGSDEADGSKHLPGESKFQQKLAEMTSTRTRMQKQKMNDSDMTSNKEEK
Host	Mouse
Reactivity	Human

Interspecies Antigen Sequence	Mouse (92)
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 (Transfected lysate)

Western Blot analysis of RB1 expression in transfected 293T cell line ([H00005925-T01](#)) by RB1 MaxPab polyclonal antibody.

Lane 1: RB1 transfected lysate(102.08 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

Gene Info — RB1

Entrez GeneID	5925
GeneBank Accession#	DQ894752.2
Protein Accession#	ABM85678.1
Gene Name	RB1
Gene Alias	OSRC, RB, p105-Rb, pRb, pp110
Gene Description	retinoblastoma 1
Omim ID	109800 180200 259500
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a negative regulator of the cell cycle and was the first tumor suppressor gene found. The encoded protein also stabilizes constitutive heterochromatin to maintain the overall chromatin structure. The active, hypophosphorylated form of the protein binds transcription factor E2F1. Defects in this gene are a cause of childhood cancer retinoblastoma (RB), bladder cancer, and osteogenic sarcoma. [provided by RefSeq]
Other Designations	OTTHUMP00000018397 retinoblastoma susceptibility protein retinoblastoma-associated protein

Pathway

- [Bladder cancer](#)
- [Cell cycle](#)
- [Chronic myeloid leukemia](#)
- [Glioma](#)
- [Melanoma](#)
- [Non-small cell lung cancer](#)
- [Pancreatic cancer](#)
- [Pathways in cancer](#)
- [Prostate cancer](#)
- [Small cell lung cancer](#)

Disease

- [Adenocarcinoma](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Chromosomal Instability](#)
- [Chromosome Aberrations](#)
- [Chromosome Deletion](#)
- [Colorectal Neoplasms](#)
- [Cystadenocarcinoma](#)
- [Disease Progression](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)

- [Head and Neck Neoplasms](#)
- [Liver Neoplasms](#)
- [Lung Neoplasms](#)
- [Lymphoma](#)
- [Neoplasm Invasiveness](#)
- [Ovarian cancer](#)
- [Ovarian Neoplasms](#)
- [Pancreatic cancer](#)
- [Pancreatic Neoplasms](#)
- [Pulmonary Disease](#)
- [Retinal Neoplasms](#)
- [Retinoblastoma](#)
- [Tobacco Use Disorder](#)