

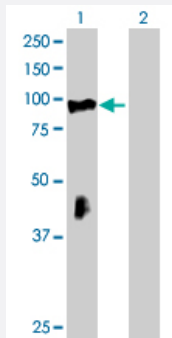
MaxPab®

RHOBTB2 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00023221-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of RHOBTB2 expression in transfected 293T cell line ([H00023221-T01](#)) by RHOBTB2 MaxPab polyclonal antibody.

Lane 1: RHOBTB2 transfected lysate(79.97 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human RHOBTB2 protein.
Immunogen	RHOBTB2 (AAH34917.1, 1 a.a. ~ 727 a.a) full-length human protein.
Sequence	MDSDMDYERPNVETIKCVVVGDNVAGKTRLICARACNATLTQYQLLATHVPTVWVIDQYRVCQEV LERSRDVDDVSVSLRLWDTFGDHHKDRRFAYGRSDVVVLCFSIANPNSLHHVKTMMWYPEIKHF CPRAPVILVGCQLDLRYADLEAVNRARRPLARPIKPNEILPPEKGREVAKELGIPYYETSVVAQFGI KDVFDNAIRAALISRRHLQFWKSHLRNVQRPLLQAPFLPPKPPPIIVVPDPPSSSEECPAHLLLED PLCADVILVLQERVRIFAHKYLSSTSSKFYDLFLMDLSEGELGGPSEPGGTHPEDHQGHSDQHHH HHHHHHGRDFLLRAASFDVCESVDEAGGSGPAGLRASDGLRGNGTGYPGRGRVLSSWSR AFVSIQEEMAEDPLTYKSRLMVVVKMDSSIQPGPFRAVLKYLTGELDENERDLMHIAHIAELLEVF DLRMMVANILNNEAFMNQEITKAFHVRRTNRVKECLAKGTFSVDVTFILDDGTISAHKPLLISCDW MAAMFGGPFVESSTREVVFPYTSKSCMRVLEYLYTGMFTSSPDLDMMKLILANRLCLPHLVALT EQYTVTGLMEATQMMVDIDGDVLFLELAQFHCAYQLADWCLHHICTNYYNNVCRKFPRDMKAMS PENQEYFEKHRWPPVWYLKEEDHYQRARKEREKEDYLHLKRQPKRRWLFWNPSPPSSSSAAS SSSPSSSSAVV
Host	Mouse
Reactivity	Human

Interspecies Antigen Sequence	Mouse (97); Rat (97)
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 — RHOBTB2

Entrez GeneID	23221
GeneBank Accession#	BC034917
Protein Accession#	AAH34917.1
Gene Name	RHOBTB2
Gene Alias	DBC2, KIAA0717
Gene Description	Rho-related BTB domain containing 2
Omim ID	607352
Gene Ontology	Hyperlink
Gene Summary	RHOBTB2 is a member of the evolutionarily conserved RHOBTB subfamily of Rho GTPases. For background information on RHOBTBs, see RHOBTB1 (MIM 607351).[supplied by OMIM]
Other Designations	OTTHUMP00000123494 deleted in breast cancer 2

Publication Reference

- [Missense Variants in RHOTB2 Cause a Developmental and Epileptic Encephalopathy in Humans, and Altered Levels Cause Neurological Defects in Drosophila.](#)

Straub J, Konrad EDH, Grüner J, Toutain A, Bok LA, Cho MT, Crawford HP, Dubbs H, Douglas G, Jobling R, Johnson D, Krock B, Mikati MA, Nesbitt A, Nicolai J, Phillips M, Poduri A, Ortiz-Gonzalez XR, Powis Z, Santani A, Smith L, Stegmann APA, Stumpel C, Vreeburg M; Deciphering Developmental Disorders Study, Fliedner A, Gregor A, Sticht H, Zweier C.

American Journal of Human Genetics 2018 Jan; 102(1):44.

Application: WB, Human, HEK 293 cells

Pathway

- [Ubiquitin mediated proteolysis](#)

Disease

- [Breast Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Hematologic Diseases](#)
- [Occupational Diseases](#)