

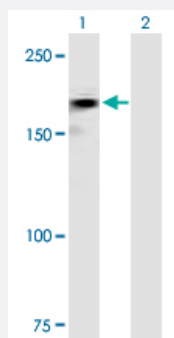
MaxPab®

ROBO2 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00006092-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of ROBO2 expression in transfected 293T cell line ([H00006092-T02](#)) by ROBO2 MaxPab polyclonal antibody.

Lane 1: ROBO2 transfected lysate(151.58 kDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human ROBO2 protein.

Immunogen

ROBO2 (NP_002933.1, 1 a.a. ~ 1378 a.a) full-length human protein.

Sequence

MSLLMFTQLLLCGFLYVRVDGSRLRQEDFPPRIVEHPSDVIVSKGEPTTLNCKAEGRPTPTIEWYK
DGERVETDKDDPRSHRMLLPSSGLFFLRMHGRRSKPDEGSYVCVARNYLGEAVSRNASLEVAL
LRDDFRQNPTDVVVAAGEPAILECQPPRGHPEPTYWKKDKVRIDDKEERISIRGGKLMISNTRKS
DAGMYTCVGTNMVGERDSDPAELTVFERPTFLRRPINQVVLEEEAVEFRCQVQGDQPQTVRWK
KDDADLPRGRYDIKDDYTLRIKKTMTSTDEGTYMCIAENRVGKMEASATLTVRAPPQFVVRPRDQIV
AQGRVTFTPCETKGNPQPAVFWQKEGSQNLFPNQPPQNSRCSVSPTGDLTITNIQRSDAGYYI
CQALTVAGSILAKAQLEVTDVLTDRPPPILQGPANQTLAVDGTALLKCKATGDLPLVISWLKEGFT
FPGRDPRATIQEQGTLLQIKNLISDTGTYTCVATSSSGETSWSAVLDVTESGATISKNYDLSDLPGP
PSKPQVTDVTKNSVTLSWQPGTGPLASAYIIIEAFSQSVSNWQTVANHVKTTLTYVRGLRPNTI
YLFMVRAINPQGLSDPSPMSDPVRTQDISPPAQGVDRHQVQKELGDVLRVLRHNPVVLTPTTVQVT
WTVDRQPQFIQGYRVMYRQTSGLQATSSWQNLDAKVPTERSAVLVNLKKGVTYIEIKVRPYFNEFQ
GMDSESKTVRTTEEAPSAPPQSVTVLTVGSYNSTSSISVSWDPPPPDHQNGIIQEYKIWCLGNETRF
HINKTVDAAIRSVIIGGLFPGIYRVEVAASTSAGVGKSEPQPIIIIGRRNEVVITENNNSITEQITDVVK
QPAFIAGIGGACWVILMGFSIWLWRRKKRKGLSNYAVTFQRGDGGLMSNGSRPGLLNAGDPSYP
WLADSWPATSLPVNNSNSGPNEIGNFGRGDVLPVPVPGQGDKTATMLSDGAYSSIDFTTKTSYNS
SSQITQATPYATTQILHSNSIHELAVDLPDPQWKSSIQKTDLMGFGYSLPDQNKGNNGGKGGKK
KKKNKSSKPQKNNGSTWANVPLPPPPVQPLPGTELEHYAVEQQENGYSDSWCPPLPVQTYLH
QGLEDELEEDDDRVPTPPVRGVASSPAISFGQQSTATLTPSPREEMQPMQLAHLDELTRAYQFDI
AKQTVHIQSNNQPPQPPVPPLGYVSGALISDLETVDVADDDADDEEEALEIPRPLRALDQTPGSS
MDNLDSSVTGKAFTSSQRPRTSPFSTDSNTSAALSQSQRPRPTKKHKGGRMDQQPALPHRRE
GMTDEEALVPYSKPSFPSPGGHSSSGTASSKGSTGPRKTEVLRAGHQRNASDLLDIGYMGSNS
QGQFTGEL

Host

Mouse

Reactivity

Human

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)

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[Protocol Download](#)

Gene Info — ROBO2

Entrez GeneID

[6092](#)

GeneBank Accession#	NM_002942.2
Protein Accession#	NP_002933.1
Gene Name	ROBO2
Gene Alias	KIAA1568, SAX3
Gene Description	roundabout, axon guidance receptor, homolog 2 (Drosophila)
Omim ID	602431 610878
Gene Ontology	Hyperlink
Gene Summary	This gene belongs to the ROBO family, part of the immunoglobulin superfamily proteins that are highly conserved from fly to human. The encoded protein is a receptor for SLIT2, molecules known to function in axon guidance and cell migration. Defects in this gene are the cause of vesicoureteral reflux type 2. Alternatively spliced transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq]
Other Designations	roundabout, axon guidance receptor, homolog 2

Pathway

- [Axon guidance](#)

Disease

- [Antisocial Personality Disorder](#)
- [Celiac Disease](#)
- [Conduct Disorder](#)
- [Diseases in Twins](#)
- [Genetic Predisposition to Disease](#)
- [Personality Assessment](#)
- [Psychometrics](#)
- [Schizophrenia](#)
- [Tobacco Use Disorder](#)
- [Vesico-Ureteral Reflux](#)