

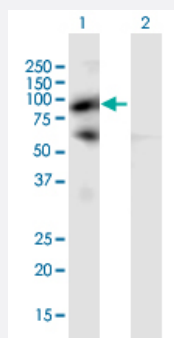
MaxPab®

PIWIL4 purified MaxPab mouse polyclonal antibody (B02P)

Catalog # H00143689-B02P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of PIWIL4 expression in transfected 293T cell line ([H00143689-T03](#)) by PIWIL4 MaxPab polyclonal antibody.

Lane 1: PIWIL4 transfected lysate(93.72 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human PIWIL4 protein.

Immunogen

PIWIL4 (ABM85351.1, 1 a.a. ~ 852 a.a) full-length human protein.

Sequence

MSGRARVKARGIARSPSATEVGRIQASPLPRSDLSNNEASSSNGFLGTSRISTNDKYGISSGDA
GSTFMERGVKNKQDFMDLSICTREKLAHVRNCKTGSSGIPVKLVTNLFNLDFFQDWQLYQYHVTY
PDLASRRRLRIALLYSHSELSNKAKAFDGAIFLSQKLEEKVTELSSETQRGETIKMTITLKRELPSSS
PVCIQVFNIIFRKILKKLSMYQIGRNFYNPSEPMEIPQHKLSLWPGFAISVSYFERKLLFSADVSYKVL
RNETVLEFMTALCQRTGLSCFTQTCEKQLIGLMLTRYNNRTYSIDIDWSVKPTHFTFQKRDGTEITY
VDYKQYDITVSDLNQPMVLVSLKKKRNDNSEAQLAHLIPELCFLTGLTDQATSDFQLMKAVA
EKTRLSPSGRQQLARLVDNIQRNTNARFELETWGLHFGSQISLTGRVPSEKILMQDHICQPVSAAD
WSKDIRTCKILNAQSLNTWLILCSDRTEYVAESFLNCLRRVAGSMGFNVDPKIIKVQENPAAFVRA
IQQYVDPDVQLVMCILPSNQKTYDSIKKYLSSDCPVPSQCVLARTLNKQGMMSIATKIAMQMTC
KLGELWAVEIPLKSLMVVGIDVCKDALSKDVMVVGCVASVNPRIWFSRCILQRTMTDVADCL
KVFMTGALNKWKYNHDLPARIVYRAGVGDGQLKTLIEYVPQLSSVAESSSNTSSRLSVIVVRK
KCMRPFTEMNRTVQNPPLGTVVDSEATRNEWDFYLISQVACRGTVSPTYNNVYDDNGLKPDH
MQRLTFKLCHLYNWPGVSVAPACQYAHKLTLVAQSIHKEPSLELANHLFYL

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.

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[Protocol Download](#)

Gene Info — PIWIL4

Entrez GeneID	143689
GeneBank Accession#	DQ894425.2
Protein Accession#	ABM85351.1
Gene Name	PIWIL4
Gene Alias	DKFZp686P01248, FLJ36156, HIWI2, MIWI2
Gene Description	piwi-like 4 (Drosophila)
Omim ID	610315
Gene Ontology	Hyperlink
Gene Summary	PIWIL4 belongs to the Argonaute family of proteins, which function in development and maintenance of germline stem cells (Sasaki et al., 2003 [PubMed 12906857]).[supplied by OMIM]
Other Designations	piwi-like 2 piwi-like 4

Pathway

- [Dorso-ventral axis formation](#)

Disease

- [Lung Neoplasms](#)
- [Tobacco Use Disorder](#)