

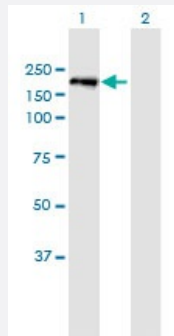
MaxPab®

PXDN purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00007837-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of PXDN expression in transfected 293T cell line ([H00006291-B01P](#)) by PXDN MaxPab polyclonal antibody.

Lane 1: PXDN transfected lysate(162.69 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

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

Immunogen

PXDN (AA140296.1, 1 a.a. ~ 1479 a.a) full-length human protein.

Sequence

MAKRSRGPGRRCLLALVLFCAWGTAVVAQKPGAGCPSRCLCFRTTVRCMHLLLEAVPAVAPQ
TSILDLRFNRIREIQPGAFFRLRLNLTLLNNNQIKRIPSGAFEDLENLKYLYKNEIQSIDRQAFKGL
ASLEQLYLHFNQIETLDPDSFQHLPKLERLFLHNNRITHLVPGTFNHLESMKRLRLDSNTLHCDCEI
LWLADLLKTYAESGNAQAAAICEYPRRIQGRSVATITPEELNCERPRITSEPQDADVTSGNTVYFTC
RAEGNPKPEIWLRRNNNELSMKTD SRLNLLDDGTLMIQNTQETDQGIYQCMACNVAGEVKTQEVTL
RYFGSPARPTFVIQPNTEVLVGESVTECSATGHPPPRISWTRGDRTPLPVDPVRVNITPSGGLYI
QNVVQGDSDGEYACSATNNIDSVHATAFIVQALPQFTVTPQDRVIEGQTVDQCEAKGNPPPVI
WTKGGSQLSVDRRHLLVSSGTLRISGVALHDQGGYECQAVNIIGSQKVVAHLTVQPRVTPVFASIP
SDTTVEVGANVQLPCSSQGEPEAITWNKDGQVQVTESGKFHISPEGFLTINDVGPADAGRYECV
ARNTIGSASVSMVLSVNVDPVSRNGDPFVATSMEAIATVDRAINSTRTHLFDSPRSPNDLLALFR
YPRDPYVEQARAGEIFERTLQLIQEHVQHGLMVDLNGTSYHYNDLVSPQYLNLIANLSGCTAHR
VNNCSDMCFHQKYRTHDGTCLNNLQHPMWGASLTAFERLLKSVYENGFNTPRGINPHRLYNGHAL
PMPRLVSTTLIGTETVTPDEQFTHMLMQWGQFLDHDLDSTVVALSQARFSDGQHCSNVCSNDP
PCFSVMIPPND SRARSGARCMFFVRSSPVC GSGMTSLLMNSVYPREQINQLTSYIDASNVYGSTE
HEARSIRDLASHRGLLRQGVQRSGKPLLPFATGPPTCEMRDENESPIPCFLAGDHRANEQLGLT
SMHTLWFREHNRIATELLKLNPHWDGDTIYYETRKIVGAEIQHITYQHWLPKILGEVGMRTLGEYHGY
DPGINAGIFNAFATAAFRFGHTLVNPLLYRLDENFQPIAQDHLPLHKAFFSPFRVNEGGIDPLLRL
FGVAGKMRVPSQLNTELTERTLSMAHTVALDLAANIQRGRDHGIPPYHDYRVYCNLSAAHTFED
LKNEIKNPEIREKLKRLYGSTLNIDLPALVVEDLVPGSRLGPTLMCLLSTQFKRLRDGDRWLWYENP
GVFSPAQLTQIKQTSLARILCDNADNITRVQSDVFRVAEFPHGYGSCDEIPRVDLRVWQDCCEDC
RTRGQFNAFSYHFRGRSLEFSYQEDKPTKKTRPKIPSVGRQGEHLSNSTSAFSTRSDASGTN
DFREFVLEMQKTITDLRTQIKKLESRLSTTECV DAGGESHANNTKWKKDACTICECKDGQVTCFV
EACPPATCAVPVNIPGACCPVCLQKRAEEKP

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

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[Protocol Download](#)

Gene Info — PXDN

Entrez GeneID	7837
GeneBank Accession#	BC140295.1
Protein Accession#	AAI40296.1
Gene Name	PXDN
Gene Alias	D2S448, D2S448E, KIAA0230, MG50, PRG2, PXN, VPO
Gene Description	peroxidasin homolog (Drosophila)
Omim ID	605158
Gene Ontology	Hyperlink
Gene Summary	Drosophila peroxidasin is an extracellular matrix-associated peroxidase (Horikoshi et al., 1999 [PubMed 10441517]). It is expressed exclusively in hemocytes derived from head mesoderm at a very early stage of differentiation. Peroxidasin exists as a homotrimer with a unique hybrid structure that combines an enzymatically functional peroxidase domain with motifs that are typically found in extracellular matrix-associated proteins. It is a secreted protein that contains a secretory recognition sequence at its N terminus. Peroxidasin catalyzes hydrogen peroxide-driven radioiodination, oxidations, and the formation of dityrosine in vitro. It is also thought to function in extracellular matrix consolidation, phagocytosis, and defense.[supplied by OMIM]
Other Designations	p53-responsive gene 2 peroxidasin homolog

Disease

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- [Hypertension](#)
- [Intracranial Hemorrhages](#)
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