

MaxPab®

SMAD4 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00004089-B01P

Size 500 ug

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human SMAD4 protein.
Immunogen	SMAD4 (ABM82766.1, 1 a.a. ~ 552 a.a) full-length human protein.
Sequence	MDNMSITNTPTSNDACLSIVHSLMCHRQGGSETFAKRAIESLVKKLKEKKDELDSLITAITTNGAH PSKCVTIQRTLDGRLQVAGRKGFPVYARLWRWPDHLKNEKHVKYCQYAFDLKCDSDVCVNPY HYERVVSPGIDLSGLTLQSNAPSSMMVKDEYVHDFEGQPSLSTEGHSIQTIQHPPSNRASTETYST PALLAPSESNAATSTANFPNIPVASTSQPASILGGSHSEGLLQIASGPQPGQQQNGFTGQPATYHHN STTTWTGSRATPYTPNLPHHQNGHLQHHPMPHPHGHYWPVHNELAFQPPISNHPAPEYWCSIA YFEMDVQVGETFKVPSSCPMTVDGYVDPSSGGDRFCLGQLSNVHRTEAIERARLHIGKGVQLECK GEGDVWVRCLSDHAVFVQSYLDREAGRAGDAVHKIYPSAYIKVFDLRQCHRQMQQQAATAQ AAAAAQAQAAVAGNIPGPGSVGGIAPASLSAAAGIGVDDLRLCILRMSFVKGWGPDYPRQSIKET PCWIEIHLHRALQLLDEVLHTMPIADPQPLD
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (98); Rat (99)
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)

[Protocol Download](#)

Gene Info — SMAD4

Entrez GeneID	4089
GeneBank Accession#	DQ891840.2
Protein Accession#	ABM82766.1
Gene Name	SMAD4
Gene Alias	DPC4, JIP, MADH4
Gene Description	SMAD family member 4
Omim ID	174900 175050 600993
Gene Ontology	Hyperlink
Gene Summary	mothers against decapentaplegic homolog 4 OTTHUMP00000163548 SMAD
Other Designations	MAD, mothers against decapentaplegic homolog 4 OTTHUMP00000163548 SMAD, mothers against DPP homolog 4 deleted in pancreatic carcinoma locus 4 mothers against decapentaplegic homolog 4 mothers against decapentaplegic, Drosophila, homolog of, 4

Pathway

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- [Cell cycle](#)
- [Chronic myeloid leukemia](#)
- [Colorectal cancer](#)
- [Pancreatic cancer](#)
- [Pathways in cancer](#)
- [TGF-beta signaling pathway](#)
- [Wnt signaling pathway](#)

Disease

- [Adenocarcinoma](#)
- [Adenomatous Polyposis Coli](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Chromosome Deletion](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Colon cancer](#)
- [Colonic Neoplasms](#)
- [Colorectal Neoplasms](#)
- [Diabetes Mellitus](#)
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- [Kidney Failure](#)
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- [Ovarian Failure](#)
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- [Peutz-Jeghers Syndrome](#)
- [Polycystic Ovary Syndrome](#)
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- [Precancerous Conditions](#)
- [Puberty](#)
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