

MaxPab®

SMAD3 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00004088-B01P

Size 500 ug

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human SMAD3 protein.
Immunogen	SMAD3 (ABZ92016.1, 1 a.a. ~ 425 a.a) full-length human protein.
Sequence	MSSILPFTPPVVKRLLGWKKGEQNGQEEKWCEKAVKSLVKKLKKKTGQLDELEKAITQNVNTKCITI PRSLDGRLQVSHRKGLPHVIYCRLWRWPDLSHSHHELRAELCEFAFNMKKDEVCVNPYHYQRV ETPVLPPVLVPRHTEIPAEFPPLDDYSHSIPENTNFPAGIEPQSNIPETPPPGYLSERVEDGETSDHQM HSM DAGSPNLSPNPMSPAHHNLDLQPVTYCEPAFWCSISYYELNQRVGETFHASQPSMTVDGFT DPSNSERFCLGLLSNVNRNAAVELTRRHIGRGVRLYYIGGEVFAECLSDSAIFVQSPNCNQRYGW HPATVCKIPPGCNLKIFNNQEFAALLAQSVNQGFVAVYQLTRMCTIRMSFVKGWGAEYRRQTVTS TPCWIELHLNGPLQWLDKVLTMGSPSIRCSSVS
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (100); Rat (100)
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 — SMAD3

Entrez GeneID	4088
GeneBank Accession#	EU446487.1
Protein Accession#	ABZ92016.1
Gene Name	SMAD3
Gene Alias	DKFZp586N0721, DKFZp686J10186, HSPC193, HsT17436, JV15-2, MADH3, MGC60396
Gene Description	SMAD family member 3
Omim ID	603109
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene belongs to the SMAD, a family of proteins similar to the gene products of the Drosophila gene 'mothers against decapentaplegic' (Mad) and the C. elegans gene Sma. SMAD proteins are signal transducers and transcriptional modulators that mediate multiple signaling pathways. This protein functions as a transcriptional modulator activated by transforming growth factor-beta and is thought to play a role in the regulation of carcinogenesis. [provided by RefSeq]
Other Designations	MAD, mothers against decapentaplegic homolog 3 SMA- and MAD-related protein 3 SMAD, mothers against DPP homolog 3 mad homolog JV15-2 mad protein homolog mothers against decapentaplegic homolog 3

Pathway

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

Disease

- [Alzheimer disease](#)
- [Anemia](#)
- [Asthma](#)
- [Bacteremia](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Coronary Artery Disease](#)
- [Crohn Disease](#)
- [Diabetes Mellitus](#)
- [Diabetic Nephropathies](#)
- [Genetic Predisposition to Disease](#)
- [Graft vs Host Disease](#)
- [Head and Neck Neoplasms](#)
- [Hypersensitivity](#)
- [Hypertension](#)
- [Keloid](#)
- [Kidney Failure](#)
- [Liver Cirrhosis](#)
- [Neoplasm Recurrence](#)
- [Neoplasms](#)
- [Obesity](#)
- [Occupational Diseases](#)

- [Osteoarthritis](#)
- [Osteoporosis](#)
- [Ovarian cancer](#)
- [Ovarian Failure](#)
- [Ovarian Neoplasms](#)
- [Pancreatic cancer](#)
- [Pancreatic Neoplasms](#)
- [Polycystic Ovary Syndrome](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
- [Puberty](#)
- [Pulmonary Disease](#)
- [Thrombophilia](#)
- [Tobacco Use Disorder](#)