

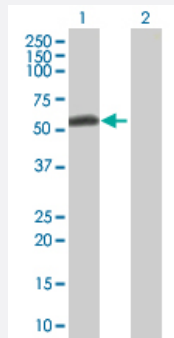
MaxPab®

SMAD5 MaxPab mouse polyclonal antibody (B01P)

Catalog # H00004090-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of SMAD5 expression in transfected 293T cell line ([H00004090-T01](#)) by SMAD5 MaxPab polyclonal antibody.

Lane 1: SMAD5 transfected lysate(51.15 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human SMAD5 protein.

Immunogen

SMAD5 (NP_001001419.1, 1 a.a. ~ 465 a.a) full-length human protein.

Sequence

MTSMASLFSFTSPAVKRLLGWKQGDEEEKWAEKAVDALVKKLKKKKGAMEEELEKALSSPGQP
SKCVTIPRSLDGRLQVSHRGLPHVIYCRVWRWPDLSHHELKPLDICEFPFGSKQKEVCINPYH
YKRVESPVLPVLPVRHNEFNPQHSLLVQFRNLSHNEPHMPQNAFTPDSFHQPNNTPFPLSPNS
PYPPSPASSTYPNSPASSGPGSPFQLPADTPPPAYMPPDDQMGQDNSQPMDSNNMIPQIMPSI
SSRDVQPVAYEEPKHWCSTVYELNNRVGEAFHASSTSVLVDGFTDPSNNKSRFCLGLLSNVNR
NSTIENTRRHIGKGVHLYVVGGEVYAECLSDSSIFVQSRNCNFHHGFHPTTVCKIPSSCSLKIFNNQ
EFAQLLAQSVNHGFEAVYELTKMCTIRMSFVKGWGAEYHRQDVTSTPCWIEIHLHGPLQWLDKVL
TQMGSPLNPISSVS

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence

Mouse (99); 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.

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[Protocol Download](#)

Gene Info — SMAD5

Entrez GeneID[4090](#)**GeneBank Accession#**[NM_001001419.1](#)**Protein Accession#**[NP_001001419.1](#)**Gene Name**

SMAD5

Gene Alias

DKFZp781C1895, DKFZp781O1323, Dwfc, JV5-1, MADH5

Gene Description

SMAD family member 5

Omim ID[603110](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

mothers against decapentaplegic homolog 5|SMA- and MAD-related protein 5|SMAD

Other Designations

MAD homolog 5|MAD, mothers against decapentaplegic homolog 5|SMA- and MAD-related protein 5|SMAD, mothers against DPP homolog 5|mothers against decapentaplegic homolog 5|mothers against decapentaplegic, drosophila, homolog of, 5

Pathway

- [TGF-beta signaling pathway](#)

Disease

- [Diabetes Mellitus](#)
- [Diabetic Nephropathies](#)
- [Genetic Predisposition to Disease](#)
- [Hemochromatosis](#)
- [Hypertension](#)
- [Kidney Failure](#)
- [Obesity](#)
- [Ovarian Failure](#)
- [Polycystic Ovary Syndrome](#)
- [Puberty](#)
- [Thrombophilia](#)
- [Tobacco Use Disorder](#)