

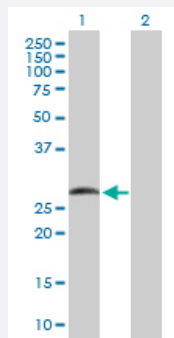
MaxPab®

# SMAD9 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00004093-D01P

Size 100 ug

## Applications



### Western Blot (Transfected lysate)

Western Blot analysis of SMAD9 expression in transfected 293T cell line ([H00004093-T04](#)) by SMAD9 MaxPab polyclonal antibody.

Lane 1: SMAD9 transfected lysate(25.30 KDa).

Lane 2: Non-transfected lysate.

## Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human SMAD9 protein.
Immunogen	SMAD9 (AAH67766.1, 1 a.a. ~ 225 a.a) full-length human protein.
Sequence	MHSTTPISSLFSFTSPAVKRLLGWKQGDEEEKWAEKAVDSL VKKLKKKKGAMDELERALSCPG QPSKCVTIPGSLDGRLQVSHRKGLPHVIYCRVWRWPD LQSHHELKPLECCEFPFGSKQKEVCIN PYHYRRVETPVLPPVLVPRHSEYNPQLSLLAKFRSASLHSEPLMPHNATYPDSFQQPPCSALPPS PSHAFSQSPCTASYPHSPGSPSEPESPYQHSD F
Host	Rabbit
Reactivity	Human
Interspecies Antigen Sequence	Mouse (93)
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)

Western Blot analysis of SMAD9 expression in transfected 293T cell line ([H00004093-T04](#)) by SMAD9 MaxPab polyclonal antibody.

Lane 1: SMAD9 transfected lysate(25.30 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

## Gene Info — SMAD9

Entrez GeneID [4093](#)

GeneBank Accession# [BC067766.1](#)

Protein Accession# [AAH67766.1](#)

Gene Name SMAD9

Gene Alias MADH6, MADH9, SMAD8A, SMAD8B

Gene Description SMAD family member 9

Omim ID [603295](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** SMAD family members, such as SMAD9, transduce signals from members of the TGF-beta (see TGFB1; MIM 190180) superfamily, which regulate growth, differentiation, apoptosis, and development (Nishita et al., 1999 [PubMed 10583507]).[supplied by OMIM]

**Other Designations** MAD (mothers against decapentaplegic, Drosophila) homolog 9|MAD, mothers against decapentaplegic homolog 9|Mothers against decapentaplegic, drosophila, homolog of, 9|OTTHUMP00000178565|SMAD, mothers against DPP homolog 9

## Pathway

- [TGF-beta signaling pathway](#)

## Disease

- [Tobacco Use Disorder](#)