

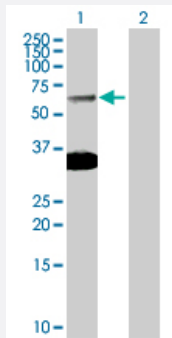
MaxPab®

SMAD6 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00004091-D01P

Size 100 ug

Applications

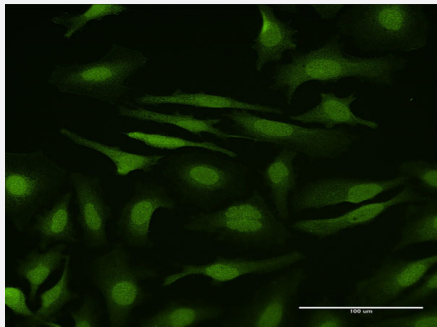


Western Blot (Transfected lysate)

Western Blot analysis of SMAD6 expression in transfected 293T cell line ([H00004091-T02](#)) by SMAD6 MaxPab polyclonal antibody.

Lane 1: SMAD6 transfected lysate(53.50 KDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to SMAD6 on HeLa cell. [antibody concentration 10 ug/ml]

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human SMAD6 protein.

Immunogen

SMAD6 (NP_005576.3, 1 a.a. ~ 496 a.a) full-length human protein.

Sequence

MFRSKRSGLVRLWRSRVVPDREEGGSGGGGGGDEGSLGSRAEPAPRAREGGGCGRSEVR
PVAPRRPRDAVGQGAQAGARRRRAGGPPRPMSEPGAGAGSSLLDVAEPGGPGWLPESDCE
TVTCLFSEDAAGAPRDASDPLAGAAEPAGGGRSREARSRLLLLEQELKTVTYSLLKRLKER
SLDTLLEAVESRGGVPGGCVLVPRADLRLGGQPAPPQLLLGRLFRWPDQLQHVELKPLCGCHS
FAAADGPTVCCNPYHFSRLCGPESPPPPYSRLSPRDEYKPLDLSDSLSTYSYETETATNSLITAPG
EFSDASMSPDATKPSHWCSVAYWEHRTRVGRLYAVYDQAVSIFYDLPQSGSGFCLGQLNLEQRS
ESVRRTRSKIGFGILLSKEPDGVWAYNRGEHPFVNSPTLDAPGGRALVVRKVPPGYSIKVDFFER
SGLQHAPEPDAAADGPYPNSVRISFAKGWGPCYSRQFITSCPCWLEILLNNPR

Host	Rabbit
Reactivity	Human
Interspecies Antigen Sequence	Mouse (92)
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 SMAD6 expression in transfected 293T cell line ([H00004091-T02](#)) by SMAD6 MaxPab polyclonal antibody.

Lane 1: SMAD6 transfected lysate(53.50 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Immunofluorescence

Immunofluorescence of purified MaxPab antibody to SMAD6 on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — SMAD6

Entrez GeneID	4091
GeneBank Accession#	NM_005585.3
Protein Accession#	NP_005576.3
Gene Name	SMAD6
Gene Alias	HsT17432, MADH6, MADH7
Gene Description	SMAD family member 6
Omim ID	602931
Gene Ontology	Hyperlink

Gene Summary

The protein encoded by this gene belongs to the SMAD family of proteins, which are related to Drosophila 'mothers against decapentaplegic' (Mad) and C. elegans Sma. SMAD proteins are signal transducers and transcriptional modulators that mediate multiple signaling pathways. This protein functions in the negative regulation of BMP and TGF-beta/activin-signalling. Multiple transcripts encoding different isoforms have been found for this gene.

Other Designations

MAD (mothers against decapentaplegic, Drosophila) homolog 6|**MAD**, mothers against decapentaplegic homolog 6|**Mothers against decapentaplegic, drosophila, homolog of, 6**|**SMAD**, mothers against DPP homolog 6

Pathway

- [TGF-beta signaling pathway](#)

Disease

- [Anemia](#)
- [Bacteremia](#)
- [Colorectal Neoplasms](#)
- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)
- [Hypertension](#)
- [Keloid](#)
- [Obesity](#)
- [Ovarian Failure](#)
- [Polycystic Ovary Syndrome](#)
- [Puberty](#)
- [Thrombophilia](#)
- [Tobacco Use Disorder](#)