

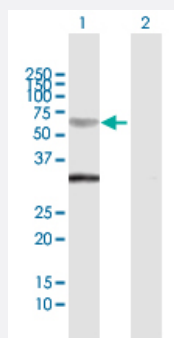
MaxPab®

SMAD6 MaxPab rabbit polyclonal antibody (D01)

Catalog # H00004091-D01

Size 100 uL

Applications

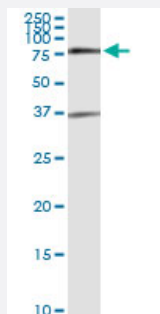


Western Blot (Transfected lysate)

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

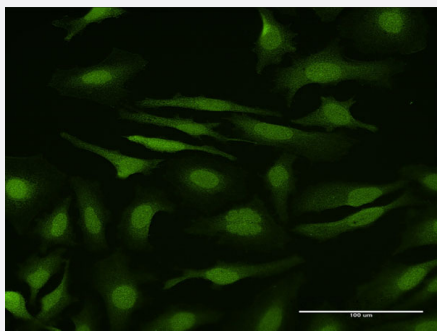
Lane 1: SMAD6 transfected lysate(53.50 KDa).

Lane 2: Non-transfected lysate.



Immunoprecipitation

Immunoprecipitation of SMAD6 transfected lysate using anti-SMAD6 MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with SMAD6 purified MaxPab mouse polyclonal antibody (B01P) ([H00004091-B01P](#)).



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	MFRSKRSGLVRRLLWRSRVVPDREEGGSGGGGGGDEDEGSLGSRAEPAPRAREGGGCGRSEVR PVAPRRPRDAVGQGAQAGARRRRAGGPPRPMSEPGAGAGSSLLDVAEPGGPGWLPESDCE TVTCCLFSEDAAGAPRDASDPLAGAALEPAGGGRSREARSRLLLLEQELKTVTYSLLKRLKER SLDTLLEAVESRGGVPGGCVLVPRADLRLGGQPAPPQLLLGRLEFRWPDQLQHVELKPLCGCHS FAAADGPTVCCNPYHFSRLCGPESPPPPYSRLSPRDEYKPLDLSSTLSYTETETATNSLITAPG EFSASMSPDATKPSHWCSVAYWEHRTRVGRLYAVYDQAVSIFYDLPQGSFGCLGQLNLEQRS ESVRRTRSKIGFGILLSKEPDGVWAYNRGEHPIFVNSPTLDAPGGRALVVRKVPPGYSIKVDFFER SGLQHAPEPDAAADGPYDPNSVRISFAKGWGPCYSRQFITSCPCWLEILLNNPR
Host	Rabbit
Reactivity	Human
Interspecies Antigen Sequence	Mouse (92)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

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[Protocol Download](#)

- Immunoprecipitation

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[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 transcript variants 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](#)