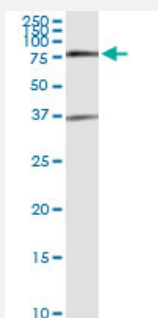


SMAD6 (Human) IP-WB Antibody Pair

Catalog # H00004091-PW1

Size 1 Set

Applications



Immunoprecipitation of SMAD6 transfected lysate using rabbit polyclonal anti-SMAD6 and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with mouse purified polyclonal anti-SMAD6.

Specification

Product Description	This IP-WB antibody pair set comes with one antibody for immunoprecipitation and another to detect the precipitated protein in western blot.
Reactivity	Human
Interspecies Antigen Sequence	Mouse (93%); Rat (93%)
Quality Control Testing	Immunoprecipitation-Western Blot (IP-WB) Immunoprecipitation of SMAD6 transfected lysate using rabbit polyclonal anti-SMAD6 and Protein A Magnetic Bead (U0007), and immunoblotted with mouse purified polyclonal anti-SMAD6.
Supplied Product	Antibody pair set content: 1. Antibody pair for IP: rabbit polyclonal anti-SMAD6 (300 ul) 2. Antibody pair for WB: mouse purified polyclonal anti-SMAD6 (50 ug)
Storage Instruction	Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.

Applications

- Immunoprecipitation-Western Blot

[Protocol Download](#)

Gene Info — SMAD6

Entrez GeneID [4091](#)

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](#)