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Product datasheet for TA890026M

MADH7 (SMAD7) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 1:500~1:1000
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant protein of human SMAD7
Formulation:	PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Concentration:	2.57mg/ml
Purification:	Purified from the immunized serum by affinity chromatography (Protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	46.2 kDa
Gene Name:	SMAD family member 7
Database Link:	NP_005895 Entrez Gene 17131 MouseEntrez Gene 81516 RatEntrez Gene 4092 Human O15105
Background:	The protein encoded by this gene is a nuclear protein that binds the E3 ubiquitin ligase SMURF2. Upon binding, this complex translocates to the cytoplasm, where it interacts with TGF-beta receptor type-1 (TGFBR1), leading to the degradation of both the encoded protein and TGFBR1. Expression of this gene is induced by TGFBR1. Variations in this gene are a cause of susceptibility to colorectal cancer type 3 (CRCS3). Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jun 2010]
Synonyms:	CRCS3; MADH7; MADH8
Protein Families:	Druggable Genome, Transcription Factors

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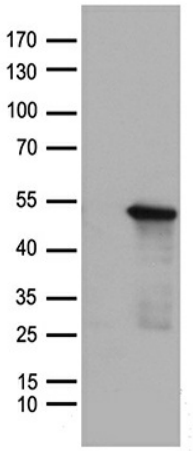
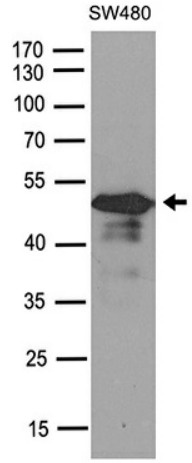
Protein Pathways: TGF-beta signaling pathway

Product images:



HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY SMAD7 (Cat# [RC210400], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-SMAD7 antibody (Cat# [TA890026]). Positive lysates [LY416991] (100ug) and [LC416991] (20ug) can be purchased separately from OriGene.



Western blot analysis of extracts (35ug) from different cell lines or tissues by using anti-SMAD7 rabbit polyclonal antibody ([TA890026]).