

## Product datasheet for **TA302724**

### Smad4 Goat Polyclonal Antibody

#### Product data:

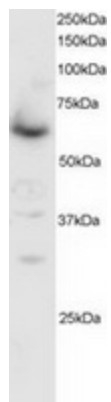
Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 0.5-2µg/ml.
Reactivity:	Mouse (Expected from sequence similarity: Human, Rat, Dog, Pig, Cow)
Host:	Goat
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Peptide with sequence C-HTMPIADPQLD, from the C Terminus of the protein sequence according to NP_005350.1.
Formulation:	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Concentration:	lot specific
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	SMAD family member 4
Database Link:	<a href="#">NP_032566</a> <a href="#">Entrez Gene 4089 HumanEntrez Gene 50554 RatEntrez Gene 476196 DogEntrez Gene 17128 Mouse P97471</a>
Background:	Common mediator of signal transduction by TGF-beta (transforming growth factor) superfamily; SMAD4 is the common SMAD (co-SMAD). Promotes binding of the SMAD2/SMAD4/FAST-1 complex to DNA and provides an activation function required for SMAD1 or SMAD2 to stimulate transcription. May act as a tumor suppressor



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Synonyms: DPC4; hSMAD4; JIP; MADH4; OTTHUMP00000163548

### Product images:



TA302724 staining (0.5ug/ml) of NIH-3T3 cell lysate (RIPA buffer, 35ug total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.