**German Research Products - GRP GmbH** 

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## **Product Datasheet**

## **Smad7 Polyclonal Antibody GRP265**

**Description** Antagonist of signaling by TGF-beta (transforming growth factor)

type 1 receptor superfamily members; has been shown to inhibit TGF-beta (Transforming growth factor) and activin signaling by associating with their receptors thus preventing SMAD2 access. Functions as an adapter to recruit SMURF2 to the TGF-beta receptor complex. Also acts by recruiting the PPP1R15A-PP1 complex to TGFBR1, which promotes its dephosphorylation. Positively regulates PDPK1 kinase activity by stimulating its dissociation from the 14-3-3 protein YWHAQ which acts as a

negative regulator (By similarity).

Species/Host Rabbit

Reactivity Human, Mouse, Rat

Conjugation Unconjugated

Tested Applications ELISA, IHC-P, WB

Immunogen KLH conjugated synthetic peptide derived from human Smad7

(public\_immunogen\_range: 1-50/426)

Form/Appearance Aqueous buffered solution containing 1% BSA, 50% glycerol and

0.09% sodium azide.

Concentration 1ug/ul

Storage Store at -20°C for 12 months.

**Note** For research use only.

**Isotype** IgG

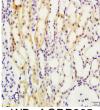
**Clonality** Polyclonal

**Purity** Purified by Protein A.

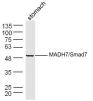
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Entrez 4092

**Dilution Range** WB: 1:300-1000, ELISA: 1:500-1000, IHC-P: 1:200-400



WB of GRP265



IHC-P of GRP265