



Catalog: OM291642

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# Smad1 (phospho Ser465) Antibody

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☐ 100ug

## Product profile

Product name	Smad1 (phospho Ser465) Antibody
Antibody Type	Primary Antibodies
Product description	Transcriptional modulator activated by BMP (bone morphogenetic proteins) type 1 receptor kinase. SMA D1 is a receptor-regulated SMAD (R-SMAD).1) Hiroaki Seto, et al. (2004) J Clin Invest. March 1; 113 (5): 71 8–726Linyu Li, et al. (2004) Mol Cell Biol. January; 24 (2): 856–864. Claire Nourry, et al. (2004) BMC Cell Bio l. 5: 20
Immunogen	Smad1 (Phospho-Ser465) antibody was raised against a peptide sequence around phosphorylation site of serine 465 (I-S-S-V-S (p) ) derived from Human Smad1.

## Key Feature

Clonality	Polyclonal
Host Species	Rabbit
Tested Applications	WB
Species Reactivity	Human Mouse Rat
Concentration	1 mg/ml
Purification	Affinity purified

## Target Information

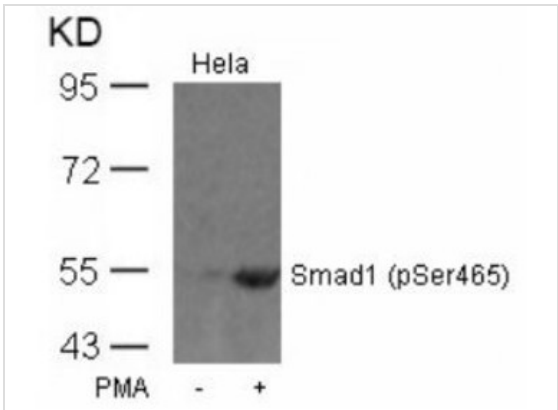
Gene Symbol	SMAD1
Alternative Names	BSP1, JV41, BSP-1, JV4-1, MADH1, MADR1, ERBB, ERBB1, HER1, BSP1, Dwarfing-A, Dwf-A
Molecular Weight(MW)	55 kDa
Tissue Specificity	This antibody detects endogenous level of Smad1 only when phosphorylated at serine 465.

## Database Links

Entrez Gene	4086
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Protein Accession NP\_001003688.1

## Application



**Application**  
Western blot analysis of lysed extracts from HeLa cells untreated or treated with PMA using Smad1 (Phospho-Ser465).

Application Notes Western Blot: 1:500~1:1000:

## Additional Information

Form	Liquid
Storage Instructions	Store antibody at -20°C for up to one year.
Storage Buffer	Antibody supplied in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Note	The product is for research use only, not for use in diagnostic or therapeutic procedures.

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This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt