

Anti-Phospho-SMAD1-Ser465 antibody (400-480) (STJ90743)

STJ90743

GENERAL INFORMATION

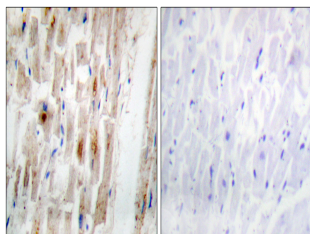
Product Type	Primary antibodies
Short Description	Rabbit polyclonal antibody anti-Phospho-Mothers Against Decapentaplegic Homolog 1-Ser465 (400-480) is suitable for use in Western Blot, Immunohistochemistry, Immunofluorescence and ELISA research applications.
Applications	WB, IHC-P, IF-P, ELISA
Host/Source	Rabbit
Reactivity	Human, Mouse, Rat

PRODUCT PROPERTIES

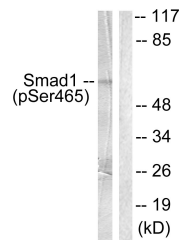
Clonality	Polyclonal
Clone ID	
Concentration	1 mg/mL
Conjugation	Unconjugated
Purification	The antibody was affinity-purified from rabbit anti-serum by affinity-chromatography.
Dilution Range	WB 1:500-1:2000 IHC 1:100-1:300 ELISA 1:20000
Formulation	PBS, 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.
Isotype	IgG
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

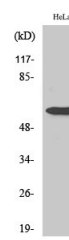
Gene ID	4086
Gene Symbol	SMAD1
Uniprot ID	SMAD1_HUMAN
Immunogen	The antiserum was produced against synthesized peptide derived from human Smad1 around the phosphorylation site of Ser465 at amino acid range 416-465
Immunogen Region	400-480
Specificity	Phospho-SMAD1-Ser465 polyclonal antibody (Mothers Against Decapentaplegic Homolog 1) binds to endogenous Mothers Against Decapentaplegic Homolog 1 at the amino acid region 400-480 only when phosphorylated at Ser465.
Immunogen Sequence	



Immunohistochemistry analysis of paraffin-embedded human heart, using Smad1 (Phospho-Ser465) Antibody. The picture on the right is blocked with the phospho-peptide.



Western blot analysis of lysates from HeLa cells treated with Serum 10% 15', using Smad1 (Phospho-Ser465) Antibody. The lane on the right is blocked with the phospho-peptide.



Western blot analysis of various cells using Phospho-Smad1 (S465) Polyclonal Antibody

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.
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