Anti-Phospho-SMAD3-Thr179 antibody (120-200) (STJ90905)

STJ90905

GENERAL INFORMATION

Product Type Primary antibodies

Short Description Rabbit polyclonal antibody anti-Phospho-Mothers Against Decapentaplegic Homolog 3-Thr179 (120-200) 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 1:10000

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 4088

Gene Symbol SMAD3

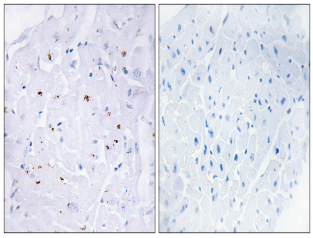
Uniprot ID SMAD3_HUMAN

Immunogen The antiserum was produced against synthesized peptide derived from human Smad3 around the phosphorylation site of Thr179 at amino acid range 145-194

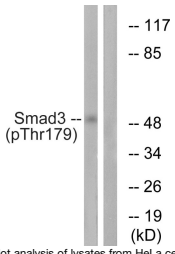
Immunogen Region 120-200

Specificity Phospho-SMAD3-Thr179 polyclonal antibody (Mothers Against Decapentaplegic Homolog 3) binds to endogenous Mothers Against Decapentaplegic Homolog 3 at the amino acid region 120-200 only when phosphorylated at Thr179.

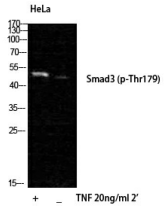
Immunogen Sequence



Immunohistochemistry analysis of paraffin-embedded human heart, using Smad3 (Phospho-Thr179) Antibody. The picture on the right is blocked with the phospho peptide.



Western blot analysis of lysates from HeLa cells treated with TNF 20ng/ml 2', using Smad3 (Phospho-Thr179) Antibody. The lane on the right is blocked with the phospho peptide.



Western blot analysis of HELA cells using Phospho-Smad3 (T179) Polyclonal Antibody

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