Anti-Smad1/Smad5/Smad9 antibody (19-125 aa) (STJ11106932)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IF/ICC/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse

PRODUCT PROPERTIES

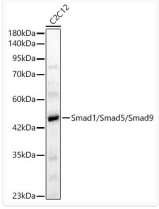
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 52kDa Observed Mw: 52kDa
Storage Instruction	Store at-20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

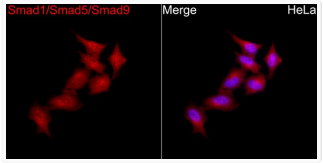
Gene ID	4086 4093 4090 SMAD1 SMAD9 SMAD1_HUMAN SMAD9_HUMAN SMAD5_HUMAN
Immunogen Region	19-125 aa
Immunogen Sequence	GWKQGDEEEKWAEKAVDALV KKLKKKKGAMEELEKALSCP GQPSNCVTIPRSLDGRLQVS HRKGLPHVIYCRVWRWPDLQ SHHELKPLECCEFPFGSKQK EVCINPY
Specificity	A synthetic peptide corresponding to a sequence within amino acids 19-125 of human Smad1/Smad5/Smad9 (NP_005891.1).

ADDITIONAL INFORMATION

Note	STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



Western blot analysis of lysates from C2C12 cells using Smad1/Smad5/Smad9 Rabbit pAb (STJ11106932) at1:1000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution.
Lysates/proteins: 25 Mu g per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit
Exposure time: 15s.



Immunofluorescence analysis of HeLa cells using Smad1/Smad5/Smad9 Rabbit pAb (STJ11106932) ata dilution of 1:100 (40x lens). Secondary antibody:Cy3 Goat Anti-Rabbit IgG (H+L) (STJS001166) at 1:500 dilution. Blue: DAPI for nuclear staining.