

Anti-Phospho-Smad2/3-Thr8 antibody (1-50 aa) (STJ90522) STJ90522

GENERAL INFORMATION

Product Type Primary antibodies Host/Source Rabbit

Short Rabbit polyclonal antibody anti-Phospho-Mothers against decapentaplegic homolog 2 and Mothers against decapentaplegic homolog Description 3-Thr8 (1-50 aa) is suitable for use in Western Blot, Immunofluorescence and ELISA research applications. Applications WB/IF/ELISA Reactivity Human/Mouse/Rat/Pig

PRODUCT PROPERTIES

Clonality Clone ID	Polyclonal			
Concentration	1 mg/mL			
Conjugation	Unconjugated			
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.			
Dilution	WB 1:500-2000			
Range	IF ICC 1:100-500			
	ELISA 1:5000-20000			
Formulation	Liquid in PBS containing 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					
	4087					
Gene Symbol	SMAD3					
	SMAD2					
Uniprot ID	SMAD3 HUMAN					
•	SMAD2 HUMAN					
Immunoaen	The antiserum was produced against synthesized peptide derived from the human Smad2/3 around the phosphorylation site of Thr8 at					
	the amino acid range 1-50					
Immunogen	0					
Region						
•	Phospho-Smad2/3 (T8) Poly	vclonal Antibody detects endo	ogenous levels of Smad2/3 protein only whe	en phosphorylated at T8		
Immunogen		,	-g			
Sequence						
•						
		D1 00				
1 2 3 kDa			VEC	VEC 170		
180 140 100 75		117	138=	138= 100		
		117	100	70 p_Smad2/3		
60 45 Smad2	'3 (p-Thr8)	85	70 p-Smad2/3 (T8) 55	55 (T8) 40		
35 GAP	DH	10	45	35		
25	Sr	mad2/3 48	35			
		pThr8) 34	25	25		
15		34	23-			
10		26		15		
		19	15			
torn blat analysis of lynatos from	1) VEC 2) Hole	(kD)				
tern blot analysis of lysates from epG2 cells, (Green) primary antibo 00, 4ŰC over night, secondary ar	dy was diluted at					
diluted at 1:10000, 37A°C 1hou	r. (Red) GAPDH using Smad2/3 (alysis of lysates from RAW264.7 cells, Phospho-Thr8) Antibody. The lane on ed with the phospho peptide.	Western blot analysis of various cells using Phospho-	Western blot analysis of VEC cells using Phospho-		
oclonal antibody (2B8) (cat: (ST diluted at 1:5000 as loading co t, secondary antibody (cat: (NA)	196931) antibody the right is block ntrol, 4°C over	ed with the phospho peptide.	Smad2/3 (T8) Polyclonal Antibody	Smad2/3 (T8) Polyclonal Antibody		
t, secondary antibody (cat: (NA) 000, 37ŰC 1hour.	was diluted at					

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. St John's Laboratory Ltd, Knowledge Dock Business Centre, University Way, London, E16 2RD | Tel: 0208 223 3081