

Anti-Phospho-SMAD5-S463/S465 antibody (STJ11105818)
STJ11105818

GENERAL INFORMATION

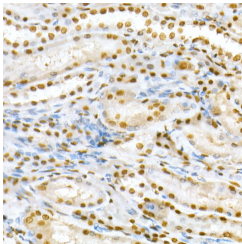
Product Type	Primary antibodies
Short Description	
Applications	WB/IHC-P/ELISA
Host/Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

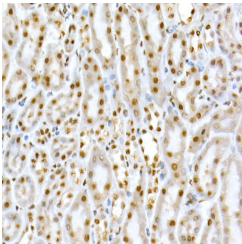
Clonality	Polyclonal
Clone ID	
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IHC-P:1:50-1:200 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation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

TARGET INFORMATION

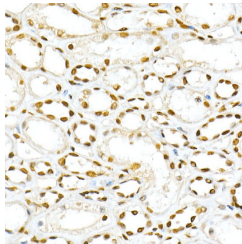
Gene ID	4090
Gene Symbol	SMAD5
Uniprot ID	SMAD5_HUMAN
Immunogen	SSVS
Immunogen Region	
Specificity	A synthetic phosphorylated peptide around S463 & S465 of human Phospho-Smad5-S463/S465 (NP_005894.3).
Immunogen Sequence	SSVS



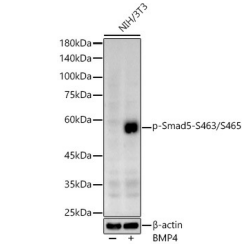
Immunohistochemistry analysis of paraffin-embedded rat kidney using Phospho-Smad5-S463/S465 Rabbit polyclonal antibody (STJ11105818) at dilution of 1:50 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of paraffin-embedded mouse kidney using Phospho-Smad5-S463/S465 Rabbit polyclonal antibody (STJ11105818) at dilution of 1:50 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of paraffin-embedded human kidney using Phospho-Smad5-S463/S465 Rabbit polyclonal antibody (STJ11105818) at dilution of 1:50 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with immunohistochemistry staining protocol.



Western blot analysis of extracts of NIH/3T3, using Phospho-Smad5-S463/S465 antibody (STJ11105818) at 1:600 dilution. NIH/3T3 cells were treated by BMP4 (50 ng/ml) at 37 °C for 30 minutes after serum-starvation overnight. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJ5000856) 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: 90s.

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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