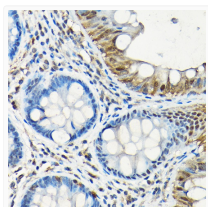
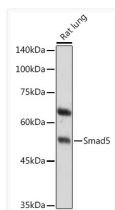


Anti-Smad5 antibody (186-465) (STJ25609)

GENERAL INFORMATION		
	Product Type	Primary antibodies
	Applications	WB/IHC-P/ELISA
	Host / Source	Rabbit
	Reactivity	Human/Mouse/Rat
PRODUCT PROPERTIES		
	Clonality	Polyclonal
	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
	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	4090
	Gene Symbol	SMAD5
	UniProt ID	SMAD5_HUMAN
	Immunogen Region	186-465
	Immunogen Sequence	PLSPNSPYPPSPASSTYPNS PASSGPGSPFQLPADTPPPA YMPDDQMGGQDNSQPMDSN NMIPQIMPSISSRDVQPVAY EEPKHWCISIVYYELNNRVGE AFHASSTSVLVDGFTDPSNN KSRFCLGLLSNVNRNSTIEN TRRHIGKGVHLYYVGGEVYA ECLSDSSIFVQSRNCNFHHG FHPTTVCKIPSSCSLKIFNN QEFAQLLAQSVNHGFVAYE LTKMCTIRMSFVKGWGAEY
	Specificity	A synthetic peptide corresponding to a sequence within amino acids 186-465 of human Smad5 (NP_005894.3).
ADDITIONAL INFORMATION		
	Note	STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



Immunohistochemistry analysis of paraffin-embedded human colon using Smad5 Rabbit polyclonal antibody (STJ25609) at dilution of 1:100 (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 Rat lung, using Smad5 antibody (STJ25609) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 180s.