

## Anti-SMAD4 antibody (160-450) (STJ27624)

STJ27624

### GENERAL INFORMATION

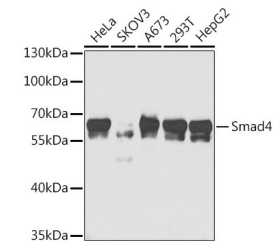
<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	Rabbit polyclonal antibody anti-Smad4 (160-450) is suitable for use in Western Blot, Immunohistochemistry and Immunofluorescence.
<b>Applications</b>	WB, IHC, IF
<b>Host/Source</b>	Rabbit
<b>Reactivity</b>	Human, Mouse, Rat

### PRODUCT PROPERTIES

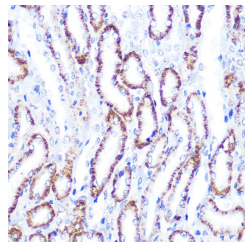
<b>Clonality</b>	Polyclonal
<b>Clone ID</b>	
<b>Concentration</b>	
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	Affinity purification
<b>Dilution Range</b>	WB 1:500-1:2000 IHC 1:50-1:200 IF 1:50-1:200
<b>Formulation</b>	PBS containing 0.02% Sodium Azide, 50% Glycerol, pH7.3.
<b>Isotype</b>	IgG
<b>Storage Instruction</b>	Store in a freezer at -20°C and avoid freeze-thaw cycles.

### TARGET INFORMATION

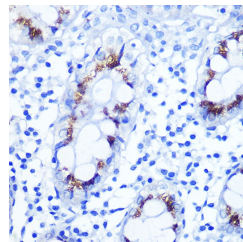
<b>Gene ID</b>	4089
<b>Gene Symbol</b>	SMAD4
<b>Uniprot ID</b>	SMAD4_HUMAN
<b>Immunogen</b>	Recombinant fusion protein containing a sequence corresponding to amino acids 160-450 of human Smad4 (NP_005350.1).
<b>Immunogen Region</b>	160-450
<b>Specificity</b>	
<b>Immunogen Sequence</b>	



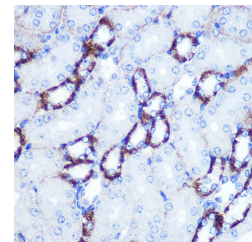
Western blot analysis of extracts of various cell lines, using Smad4 antibody (STJ27624) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.



Immunohistochemistry of paraffin-embedded rat kidney using Smad4 rabbit polyclonal antibody (STJ27624) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry of paraffin-embedded human colon using Smad4 rabbit polyclonal antibody (STJ27624) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry of paraffin-embedded mouse kidney using Smad4 rabbit polyclonal antibody (STJ27624) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.

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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