

Anti-SMAD1 antibody (20-240) (STJ25602)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

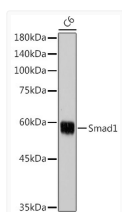
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 52kDa Observed Mw: 60kDa
Storage Instruction	Store at 20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

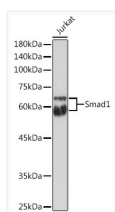
Gene ID	4086
Gene Symbol	SMAD1
UniProt ID	SMAD1_HUMAN
Immunogen Region	20-240
Immunogen Sequence	WKQGDEEEKWAEKAVDALVK KLKKKKGAMEELEKALSCPG QPSNCVTIPRSLDGRQLQVSH RKGLPHVIYCRVWRWPDLS HHELKPLECCEFPFGSKQKE VCINPYHYKRVESPVLPVL VPRHSEYNQHSLLAQFRNL GQNEPHMPLNATFPDSFQQP NSHPFPHSPNSSYPNSPGSS SSTYPHSPTSSDPGSPFQMP ADTPPPAYLPEDPMTQDGS Q
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 20-240 of human Smad1 (NP_001003688.1).

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 extracts of C6 cells, using Smad1 antibody (STJ25602) 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: 30s.



Western blot analysis of extracts of Jurkat cells, using Smad1 Rabbit polyclonal antibody (STJ25602) 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 Enhanced Kit. Exposure time: 180s.