

Anti-ACTA2 antibody (84-134 aa) (STJ96418)

STJ96418

GENERAL INFORMATION

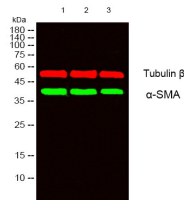
Product Type	Primary antibodies
Short Description	Rabbit polyclonal antibody anti-Actin, aortic smooth muscle (84-134 aa) is suitable for use in Western Blot, Immunohistochemistry, Immunofluorescence and ELISA research applications.
Applications	WB/IHC/IF/ELISA
Host/Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

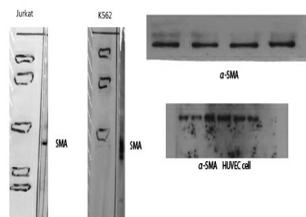
Clonality	Polyclonal
Clone ID	
Concentration	1 mg/mL
Conjugation	Unconjugated
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution Range	WB 1:500-1:2000 IHC 1:100-1:300 ELISA 1:20000 IF 1:50-200
Formulation	Liquid 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	59
Gene Symbol	ACTA2
Uniprot ID	ACTA_HUMAN
Immunogen	Synthesized peptide derived from the N-terminal region of human Alpha-SMA at the amino acid range 84-134
Immunogen Region	84-134 aa
Specificity	Alpha-SMA Polyclonal Antibody detects endogenous levels of Alpha-SMA protein.
Immunogen Sequence	



Western blot analysis of lysates from 1) Jurkat, 2) K562, 3) HuVEC cells. $1\frac{1}{2}$ Green1/4 primary antibody was diluted at 1:1000, 4A°C over night, secondary antibody (cat: NA) was diluted at 1:10000, 37A°C 1hour. $1\frac{1}{4}$ Red1/4 Tubulin Beta monoclonal antibody (5G3) (cat: STJ96932) antibody was diluted at 1:5000 as loading control, 4A°C over night, secondary antibody (cat: NA) was diluted at 1:10000, 37A°C 1hour.



Western blot analysis of various cells using Alpha-SMA Polyclonal Antibody diluted at 11/4500. Secondary antibody was diluted at 1:20000

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