

Rabbit Smoothelin Polyclonal Antibody | anti-SMTN antibody

Smoothelin Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA328924	Rabbit	Human, Mouse, Rat Predicted Reactivity: Pig(100%), Bovine(100%), Horse(100%), Sheep(100%), Rabbit(100%), Dog(100%)	ELISA

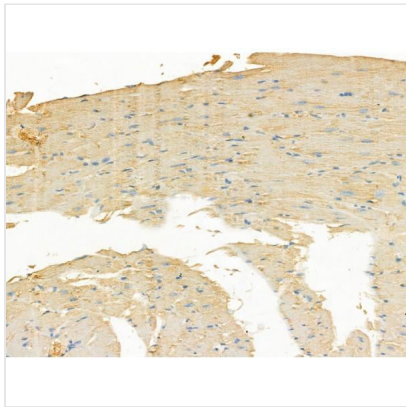
PRODUCT SYNONYMS

Smoothelin; Polyclonal Antibody; Smoothelin Antibody; FLJ35168; FLJ35365; FLJ35620; FLJ38597; SMSMO; Smtn; SMTN_HUMAN; anti-SMTN antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat Predicted Reactivity: Pig(100%), Bovine(100%), Horse(100%), Sheep(100%), Rabbit(100%), Dog(100%)
Clonality	Polyclonal
Isotype	IgG
Specificity	Smoothelin Antibody detects endogenous levels of total Smoothelin.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Form/Format	Liquid. Rabbit IgG in phosphate buffered saline, pH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol
Concentration	1mg/ml (varies by lot)
Sequence Length	1002
Applicable Applications for anti-SMTN antibody	ELISA
Immunogen	A synthesized peptide derived from human Smoothelin, corresponding to a region within C-terminal amino acids.
Fragment	Fab fragment
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

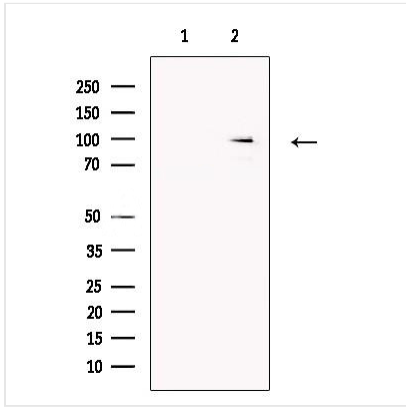
IMAGES



IHC (Immunohistochemisry)
AAA328924 at 1/100 staining Mouse heart tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4Å°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



IHC (Immunohiostchemistry)
AAA328924 at 1/100 staining Rat heart tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4Å°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



WB (Western Blot)
Western blot analysis of extracts from RT4, using Smoothelin Antibody. The lane on the left was treated with blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-SMTN antibody	Function: Structural protein of the cytoskeleton.
	Subcellular Location: Cytoplasm>Cytoskeleton. Note: Exhibits a filamentous organization.
	Tissue Specificity: Smooth muscle; contractile or vascular (for the long form).
	Similarity: Belongs to the smoothelin family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	333360858
NCBI GeneID	6525
NCBI Accession #	NP_001193946.1
NCBI GenBank Nucleotide #	NP_001193946.1
UniProt Accession #	P53814
Molecular Weight	Observed Molecular Weight: (Observed)99kD. Predicted Molecular Weight: (Calculated)99kDa.

NCBI Official Full Name	smoothelin isoform d
NCBI Official Synonym Full Names	smoothelin
NCBI Official Symbol	SMTN
NCBI Protein Information	smoothelin
UniProt Protein Name	Smoothelin
UniProt Gene Name	SMTN
UniProt Synonym Gene Names	SMSMO

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/smoothelin-antibody-elisa/328924>