

Rabbit Elastin Polyclonal Antibody | anti-Elastin antibody

Elastin

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA268990	Rabbit	Human, Mouse, Rat	Immunofluorescence, Flow Cytometry, Functional Assay, Immunohistochemistry, Western Blot

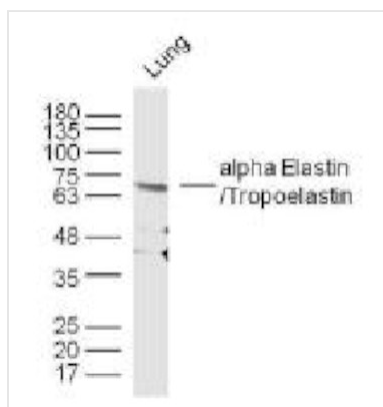
PRODUCT SYNONYMS

Elastin; Polyclonal Antibody; alpha Elastin/Tropoelastin; Elastin isoform a; ELN; ELN_HUMAN; elastin isoform m precursor; FLJ38671; FLJ43523; Supravalvular aortic stenosis; Tropoelastin; Williams Beuren syndrome; Williams syndrome region; ADCL1; SVAS; WBS; WS; anti-Elastin antibody

PRODUCT SPECIFICATIONS

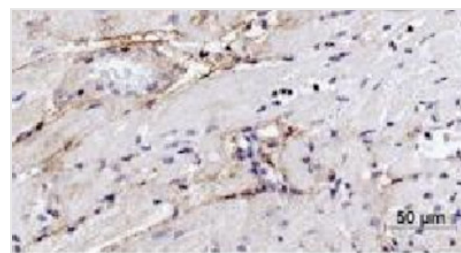
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Protein A affinity purified.
Form/Format	0.01M TBS (pH 7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Applicable Applications for anti-Elastin antibody	IF (Immunofluorescence), FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), WB (Western Blot)
Conjugation	FITC
Immunogen	KLH conjugated synthetic peptide derived from human Elastin 681-786/786
Positive control	Expressed within the outer myometrial smooth muscle and throughout the arteriolar tree of uterus (at protein level). Also expressed in the large arteries, lung and skin.
Subcellular location	Secreted, extracellular space, extracellular matrix. Note=Extracellular matrix of elastic fibers.
Preparation and Storage	Store at -20 degree C for one year. Avoid repeated freeze/thaw cycles

IMAGES



WB (Western Blot)

Sample: Lung (Mouse) Lysate at 30 ug. Primary: Anti- alpha Elastin/Tropoelastin at 1/300 dilution. Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/10000 dilution. Predicted band size: 70 kD. Observed band size: 68 kD.



IHC (Immunohistochemistry)

Images provided the Independent Validation Program: Formalin-fixed and paraffin embedded mouse heart labeled with Rabbit Anti-alpha Elastin Polyclonal Antibody at 1:1000 4 degree C temperature overnight 4 degree C followed by conjugation to secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-Elastin antibody	Major structural protein of tissues such as aorta and nuchal ligament, which must expand rapidly and recover completely. Molecular determinant of the late arterial morphogenesis, stabilizing arterial structure by regulating proliferation and organization of vascular smooth muscle.
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NCBI AND UNIPROT INFORMATION

UniProt Accession #	P15502
Molecular Weight	70 kDa

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/elastin-antibody-immunofluorescence-flow-cytometry-immunohistochemistry-western-blot-elisa/268990>