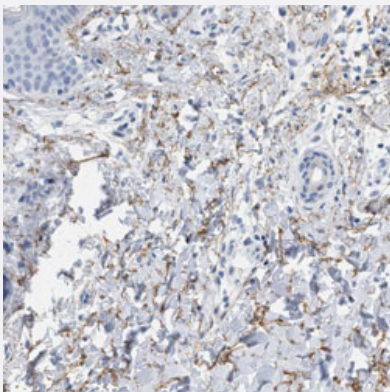


ELN polyclonal antibody

Catalog # PAB30898 Size 100 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human skin with ELN polyclonal antibody (Cat # PAB30898) shows distinct positivity in extracellular fibers.

Specification

Product Description	Rabbit polyclonal antibody raised against partial recombinant human ELN.
Immunogen	Recombinant protein corresponding to human ELN.
Sequence	VKPGKVPGVGLPGVYPGGVLPGARFPGVGVLPGVPTGAGVKPKAPGVGGAFAAGIPGVGPFGGP QPGVPLGYPIKAPKLPGGYGLPYTTGKLPYGYGPGGVAGAAGKAGYPTGTGVGPQAAAAAACA AAKFGAGA
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:200-1:500) The optimal working dilution should be determined by the end user.

Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human skin with ELN polyclonal antibody (Cat # PAB30898) shows distinct positivity in extracellular fibers.

Gene Info — ELN

Entrez GeneID	2006
Protein Accession#	P15502
Gene Name	ELN
Gene Alias	FLJ38671, FLJ43523, SVAS, WBS, WS
Gene Description	elastin
Omim ID	123700 130160 185500
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a protein that is one of the two components of elastic fibers. The encoded protein is rich in hydrophobic amino acids such as glycine and proline, which form mobile hydrophobic regions bounded by crosslinks between lysine residues. Deletions and mutations in this gene are associated with supravalvular aortic stenosis (SVAS) and autosomal dominant cutis laxa. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]
Other Designations	OTTHUMP00000196667 tropoelastin

Publication Reference

- [Elastogenesis at the onset of human cardiac valve development.](#)

Votteler M, Berrio DA, Horke A, Sabatier L, Reinhardt DP, Nsair A, Aikawa E, Schenke-Layland K.

Development 2013 Jun; 140(11):2345.

Application: IF, IHC-P, Human, Human fetal semilunar valve leaflet section

- [Immunofluorescence and fluorescent-protein tagging show high correlation for protein localization in mammalian cells.](#)

Charlotte Stadler, Elton Rexhepaj, Vasanth R Singan, Robert F Murphy, Rainer Pepperkok, Mathias Uhlén, Jeremy C Simpson, Emma Lundberg.

Nature Methods 2013 Apr; 10(4):315.

Disease

- [Alzheimer disease](#)
- [Aneurysm](#)
- [Aortic Aneurysm](#)
- [Atherosclerosis](#)
- [Calcinosis](#)
- [Cardiovascular Diseases](#)
- [Chorioamnionitis](#)
- [Choroidal Neovascularization](#)
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- [Diabetes Mellitus](#)
- [Ductus Arteriosus](#)
- [Edema](#)
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