

ELN Rabbit mAb

Catalog No.: A22733 **Recombinant** **1 Publications**

Basic Information

Observed MW

Calculated MW

68 kDa

Category

Primary antibody

Applications

IF-P, IHC-P, ELISA

Cross-Reactivity

Human

CloneNo number

ARC58665

Background

This gene encodes a protein that is one of the two components of elastic fibers. Elastic fibers comprise part of the extracellular matrix and confer elasticity to organs and tissues including the heart, skin, lungs, ligaments, and blood vessels. 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. Degradation products of the encoded protein, known as elastin-derived peptides or elastokines, bind the elastin receptor complex and other receptors and stimulate migration and proliferation of monocytes and skin fibroblasts. Elastokines can also contribute to cancer progression. Deletions and mutations in this gene are associated with supravalvular aortic stenosis (SVAS) and autosomal dominant cutis laxa.

Recommended Dilutions

IF-P 1:100 - 1:400

IHC-P 1:500 - 1:2000

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

2006

Swiss Prot

P15502

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

WS; WBS; SVAS; ADCL1; ELN

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

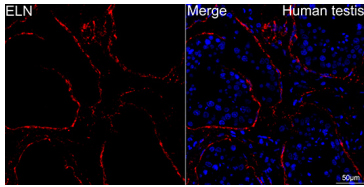
Affinity purification

Storage

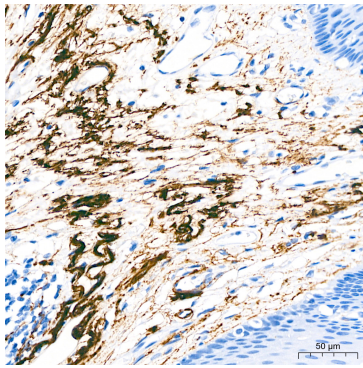
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

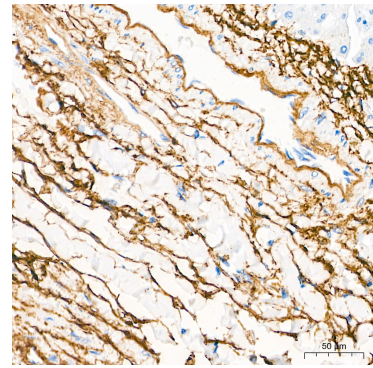
Validation Data



Confocal imaging of human testis using ELN Rabbit mAb (A22733, at dilution of 1:100) (Red). DAPI was used for nuclear staining (blue). Objective: 40x. Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IF staining protocol.



Immunohistochemistry analysis of paraffin-embedded Human esophagus tissue using ELN Rabbit mAb (A22733) at a dilution of 1:800 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human liver tissue using ELN Rabbit mAb (A22733) at a dilution of 1:800 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IHC staining.