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ELN (M) Antibody, Rabbit Polyclonal

Cat#: R2390-2

Quantity: 100 ul

Predicted | Observed M.W.: 68 kDa

Lot#: Refer to vial

Application: WB

Uniprot ID: P15502

Background:

Elastin (ELN) is one of the two components of elastic fibers and a major structural protein of tissues such as aorta and nuchal ligament, which must expand rapidly and recover completely. ELN is the molecular determinant of the late arterial morphogenesis, stabilizing arterial structure by regulating proliferation and organization of vascular smooth muscle. ELN 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 the ELN gene.

Other Names:

Elastin, Tropoelastin

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the middle region of human ELN. Antibodies were purified by affinity purification using immunogen.

Storage Buffer and Condition:

Supplied in 1 x PBS (pH 7.4), 100 ug/ml BSA, 40% Glycerol, 0.01% NaN₃. Store at -20 °C. Stable for 6 months from date of receipt.

Species Specificity:

Human

Tested Applications:

WB: 1:1,000-1:3,000 (detect endogenous protein*)

*: The apparent protein size on WB may be different from the calculated M.W. due to modifications.

Product Data:

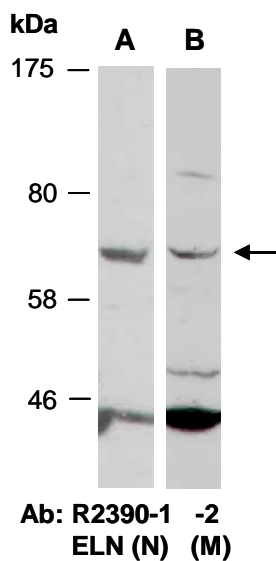


Fig 1. Western blot of total cell extracts from A, B) human HeLa; using 2 independent Abs against 2 distinct regions of human ELN at RT for 2 h.