Product datasheet for TA323639

Elastin (ELN) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 200-1000 WB positive control: Human hepatocellsular carcinoma tissue IHC: 50-200 Positive control: Human ovarian cancer Predicted cell location: Nucleus
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein corresponding to a region derived from 358-658 amino acids of human elastin
Formulation:	PBS pH7.3, 0.05% NaN3, 50% glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	69 kDa
Gene Name:	elastin
Database Link:	NP_000492 Entrez Gene 2006 Human P15502

View online »

Background: 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.

Synonyms: SVAS; WBS; WS

Protein Families: Druggable Genome, Secreted Protein, Transmembrane
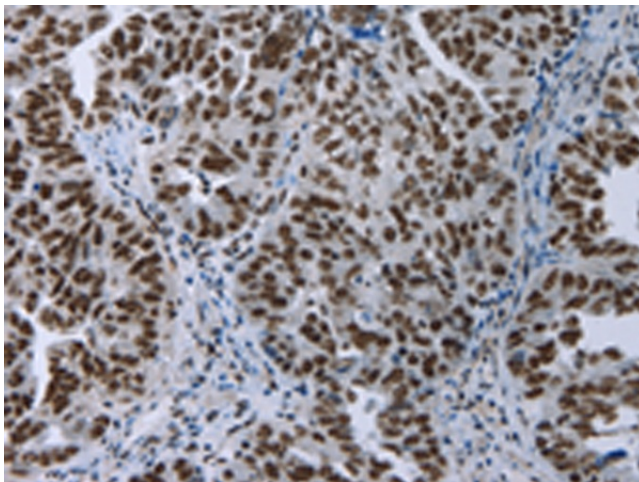
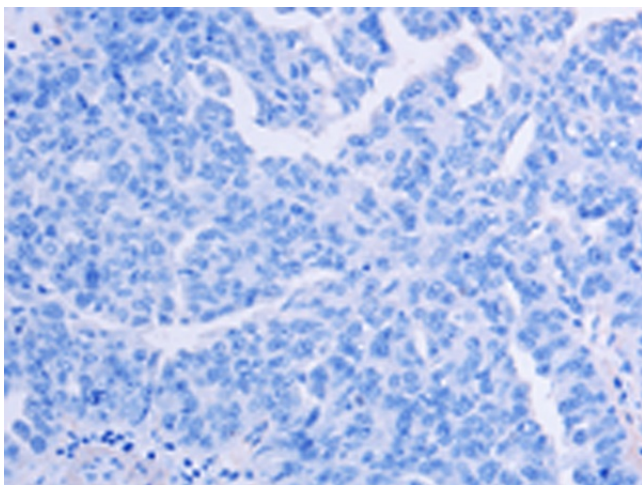## Product images:

Gel: 10%SDS-PAGE
Lysate: 40 μg
Lane: Human hepatocellular carcinoma tissue
Primary antibody: TA323639 (ELN Antibody) at dilution 1/500
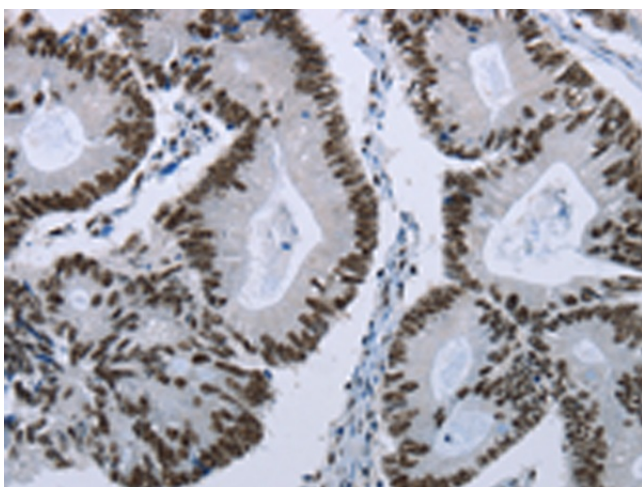Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution
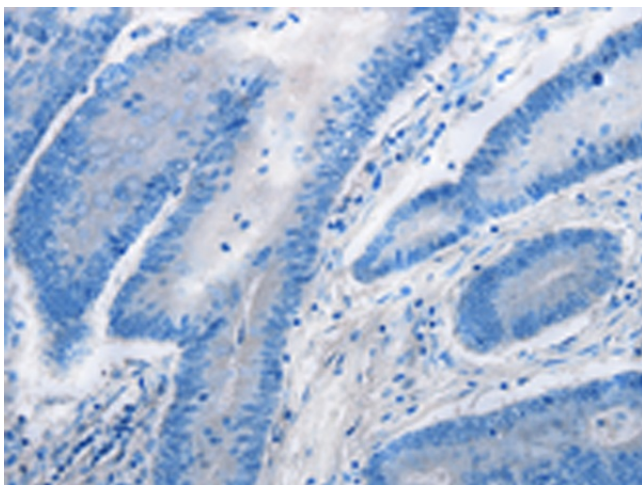Exposure time: 5 minutes

Immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using TA323639 (ELN Antibody) at dilution 1/50 (Original magnification: ×200)

Immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using TA323639 (ELN Antibody) at dilution 1/50, treated with fusion protein. (Original magnification: ×200)

Immunohistochemistry of paraffin-embedded Human colon cancer tissue using TA323639 (ELN Antibody) at dilution 1/50 (Original magnification: ×200)

Immunohistochemistry of paraffin-embedded Human colon cancer tissue using TA323639 (ELN Antibody) at dilution 1/50, treated with fusion protein. (Original magnification: ×200)