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Datasheet for ABIN305753 anti-Elastin antibody

2 Images



Overview

Quantity:	50 µg
Target:	Elastin (ELN)
Reactivity:	Human, Mouse, Cow, Chicken
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Elastin antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunoprecipitation (IP), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF)

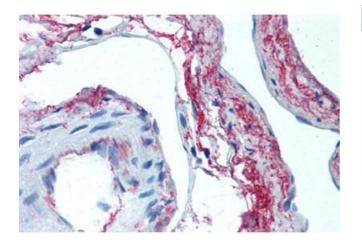
Product Details

Brand:	IHC-plus™
Immunogen:	Tropoelastin from 17-day old lathyric chick embryo aortae, extracted and purified according to the method of Rich and Foster, Meth. Enzymol. 82:665-673(1982).
Clone:	10B8
Isotype:	lgG
Specificity:	Recognizes chicken Elastin.
Purification:	Protein A purified
Target Details	
Target:	Elastin (ELN)

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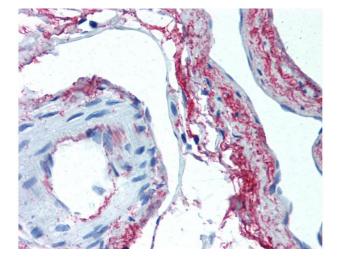
Target Details	
Alternative Name:	ELN / Elastin (ELN Products)
Background:	Name/Gene ID: ELN
	Synonyms: ELN, SVAS, WBS, Elastin, Tropoelastin, WS
Gene ID:	2006
UniProt:	P15502
Pathways:	Regulation of Actin Filament Polymerization
Application Details	
Application Notes:	Approved: ELISA, IF, IHC, IHC-P (5 µg/mL), IP, WB
	Usage: Immunohistochemistry: This antibody was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working concentration for this antibody was determined to be 5 µg/mL.
Comment:	Target Species of Antibody: Chicken
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	Lot specific
Buffer:	PBS, pH 7.6, 0.09 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Aliquot to Avoid freeze/thaw cycles.
Storage:	4 °C,-20 °C
Storage Comment:	Short term: 4°C. Long term: Store at -20°C. Avoid freeze-thaw cycles.

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Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Human Skeletal Muscle, Vessels (formalin-fixed, paraffin-embedded) stained with ELN antibody ABIN305753 at 5 ug/ml followed by biotinylated anti-mouse IgG secondary antibody ABIN481714, alkaline phosphatase-streptavidin and chromogen.



Immunohistochemistry

Image 2. Anti-Elastin antibody IHC of human skeletal muscle, vessels. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.

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