Datasheet for ABIN966144

anti-Fibulin 5 antibody

3 Publications

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Overview

Quantity:	0.1 mL
Target:	Fibulin 5 (FBLN5)
Reactivity:	Human
Host:	Please inquire
Clonality:	Monoclonal
Conjugate:	This Fibulin 5 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Isotype:	IgM
Specificity:	Ni-NTA purified truncated recombinant Fibulin 5 expressed in E. Coli strain BL21 (DE3)
Purification:	Crude ascites.

Target Details

Target:	Fibulin 5 (FBLN5)
Alternative Name:	Fibulin 5 (FBLN5 Products)
Background:	Fibulin 5(FBLN5), with 448-amino acid protein (about 50kDa), is a recently discovered multifunctional extracellular matrix protein that mediates endothelial cell adhesion through integrin ligation, regulates cell growth and motility in a context-specific manner, and prevents elastinopathy in vivo. Fibulin-5 is abundantly expressed in great vessels and cardiac valves during embryogenesis, and in many adult tissues including the aorta, lung, uterus and skin, all of

Target Details

	which contain abundant elastic fibres. Decreased fibulin-5 may contribute to the pathogenesis of aortic dissection by impairing elastic fiber assembly. Fibulin-5 is also a good marker of skin ageing and that the earlier loss of fibulin-5 may involve age-dependent changes in other elastic fibre components.
Pathways:	SARS-CoV-2 Protein Interactome

Application Details

Application Notes:	Western Blot: 1: 500- 1: 2000 ELISA: Propose dilution 1: 10,000. Determining optimal working dilutions by titration test.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Storage:	-20 °C

Publications

Product cited in:	Wen, Hochholdinger, Sauer, Bruce, Schnable: "The roothairless1 gene of maize encodes a homolog of sec3, which is involved in polar exocytosis." in: **Plant physiology**, Vol. 138, Issue 3, pp. 1637-43, (2005) (PubMed). Kadoya, Sasaki, Kostka, Timpl, Matsuzaki, Kumagai, Sakai, Nishiyama, Amano: "Fibulin-5 deposition in human skin: decrease with ageing and ultraviolet B exposure and increase in solar elastosis." in: **The British journal of dermatology**, Vol. 153, Issue 3, pp. 607-12, (2005) (PubMed). Lee, Roy, Mogford, Schiemann, Mustoe: "Fibulin-5 promotes wound healing in vivo." in: **Journal of the American College of Surgeons**, Vol. 199, Issue 3, pp. 403-10, (2004) (PubMed).