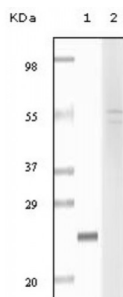


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## Fibulin 5 (FBLN5) Antibody

Catalogue No.: abx015748



Western blot analysis using fibulin5 antibody against truncated fibulin5 recombinant protein (1) and Hela cell lysate (2).

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 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.

<b>Target:</b>	Fibulin 5
<b>Reactivity:</b>	Human
<b>Host:</b>	Mouse
<b>Clonality:</b>	Monoclonal
<b>Tested Applications:</b>	ELISA, WB
<b>Recommended dilutions:</b>	ELISA: 1/10000, WB: 1/500 - 1/2000. Optimal dilutions/concentrations should be determined by the end user.
<b>Immunogen:</b>	Purified recombinant fragment of Fibulin 5 expressed in E. coli.
<b>Purification:</b>	Unpurified Ascites.
<b>Isotype:</b>	IgM
<b>Conjugation:</b>	Unconjugated
<b>Storage:</b>	Aliquot and store at -20 °C. Avoid repeated freeze/thaw cycles.
<b>Swiss Prot:</b>	<a href="#">Q9UBX5</a>

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**GeneID:** [10516](#)

**Gene Symbol:** FBLN5

**OMIM:** [604580](#)

**HGNC:** 3602

**Ensembl:** ENSG00000140092

**Buffer:** Ascitic fluid containing 0.03% sodium azide.

**Note:** This product is for research use only.