

Datasheet for ABIN1589875 **anti-Emilin1 antibody**



[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	Emilin1 (EMILIN1)
Reactivity:	Mouse
Host:	Rat
Clonality:	Monoclonal
Conjugate:	This Emilin1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Purpose:	Emilin-1 antibody
Immunogen:	Recombinant mouse Emilin-1
Clone:	C11A8
Specificity:	Recombinant mouse Emilin-1
Characteristics:	Chromosomal location: 5 B1, 5
Purification:	Protein-G purified

Target Details

Target:	Emilin1 (EMILIN1)
Alternative Name:	Emilin-1 (EMILIN1 Products)
Background:	Gp115, AW229038, BB105748, EMILIN-1, 5830419M17Rik, elastin microfibril interface located

Target Details

protein 1,Emilin-1 is an extracellular matrix glycoprotein localized at sites where elastin and microfibrils are in proximity. It may be responsible for anchoring smooth muscle cells to elastic fibers. It has cell adhesive capacity. Emilin-1 may have a role in the regulation of blood vessel assembly since it inhibits TGFB signaling by binding specifically to the pro-TGFB precursor and preventing its maturation by furin convertases in the extracellular space. TGFB proteins are the main regulators of blood vessel development and maintenance.

Gene ID: 100952

NCBI Accession: [NM_133918, NP_598679](#)

UniProt: [Q99K41](#)

Application Details

Application Notes: Western Blot: use at 2-10 µg/mL.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Centrifuge vial prior to opening. Reconstitute in sterile water to a concentration of 0.1-1.0 mg/mL.

Buffer: PBS

Handling Advice: Centrifuge vial prior to opening.

Storage: 4 °C,-20 °C

Storage Comment: The lyophilized antibody is stable for at least 2 years at -20°C. After sterile reconstitution the antibody is stable at 2-8°C for up to 6 months. Frozen aliquots are stable for at least 6 months when stored at -20°C. Addition of a carrier protein or 50% glycerol is recommended for frozen aliquots.

Expiry Date: 24 months