

Datasheet for ABIN654107

anti-TIMP4 antibody (AA 48-74)**3** Images[Go to Product page](#)

Overview

Quantity:	400 µL
Target:	TIMP4
Binding Specificity:	AA 48-74
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TIMP4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This TIMP4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 48-74 amino acids from the Central region of human TIMP4.
Clone:	RB22433
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	TIMP4
Alternative Name:	TIMP4 (TIMP4 Products)
Background:	This gene belongs to the TIMP gene family. The proteins encoded by this gene family are

Target Details

inhibitors of the matrix metalloproteinases, a group of peptidases involved in degradation of the extracellular matrix. The secreted, netrin domain-containing protein encoded by this gene is involved in regulation of platelet aggregation and recruitment and may play role in hormonal regulation and endometrial tissue remodeling.

Molecular Weight: 25503

Gene ID: 7079

NCBI Accession: [NP_003247](#)

UniProt: [Q99727](#)

Application Details

Application Notes: WB: 1:1000. WB: 1:1000. IHC-P: 1:50~100

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

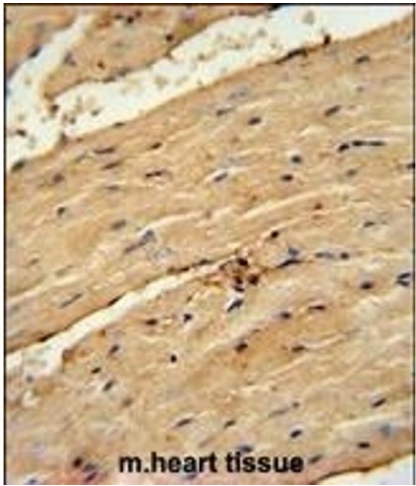
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-20 °C

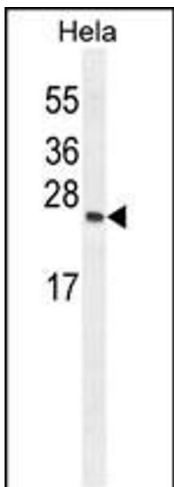
Storage Comment: Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

Expiry Date: 6 months



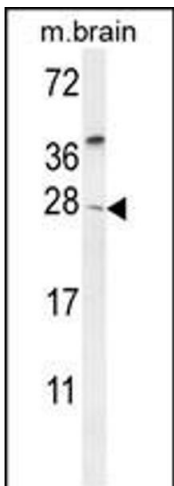
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. TI Antibody (Center) (ABIN654107 and ABIN2843990) immunohistochemistry analysis in formalin fixed and paraffin embedded mouse heart tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the TI Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



Western Blotting

Image 2. TI Antibody (Center) (ABIN654107 and ABIN2843990) western blot analysis in HeLa cell line lysates (35 µg/lane). This demonstrates the TI antibody detected the TI protein (arrow).



Western Blotting

Image 3. TI Antibody (Center) (ABIN654107 and ABIN2843990) western blot analysis in mouse brain tissue lysates (35 µg/lane). This demonstrates the TI antibody detected the TI protein (arrow).