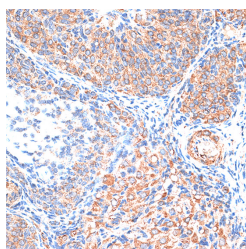


TIMP2 Polyclonal Antibody

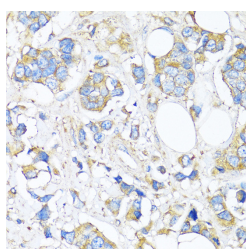
Catalog No.	E-AB-66821	Reactivity	H,M,R
Storage	Store at -20°C. Avoid freeze / thaw cycles.	Host	Rabbit
Applications	IHC	Isotype	IgG

Note: Centrifuge before opening to ensure complete recovery of vial contents.

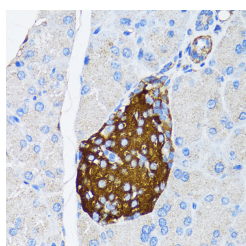
Images



Immunohistochemistry of paraffin-embedded Rat ovary using TIMP2 Polyclonal Antibody at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded Human breast cancer using TIMP2 Polyclonal Antibody at dilution of 1:150 (40x lens).



Immunohistochemistry of paraffin-embedded Mouse pancreatic islet using TIMP2 Polyclonal Antibody at dilution of 1:150 (40x lens).

Immunogen Information

Immunogen	A synthetic peptide of human TIMP2 (NP_003246.1).
GeneID	7077
Swissprot	P16035
Synonyms	TIMP2,CSC-21K,DDC8

Product Information

Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Purify	Affinity purification
Dilution	IHC 1:50-1:200

Background

This gene is a member of the TIMP gene family. The proteins encoded by this gene family are natural inhibitors of the matrix metalloproteinases, a group of peptidases involved in degradation of the extracellular matrix. In addition to an inhibitory role against metalloproteinases, the encoded protein has a unique role among TIMP family members in its ability to directly suppress the proliferation of endothelial cells. As a result, the encoded protein may be critical to the maintenance of tissue homeostasis by suppressing the proliferation of quiescent tissues in response to angiogenic factors, and by inhibiting protease activity in tissues undergoing remodelling of the extracellular matrix.

For Research Use Only

Thank you for your recent purchase.
 If you would like to learn more about antibodies, please visit www.elabscience.com.

**Focus on your research
 Service for life science**

Applications: WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.