

TIMP2 Polyclonal Antibody

Catalog Number:E-AB-66821

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

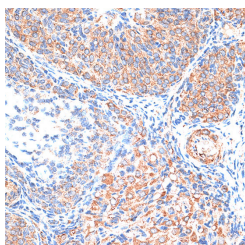
Description

| | |
|---------------------|---|
| Reactivity | Human,Mouse,Rat |
| Immunogen | A synthetic peptide of human TIMP2 (NP_003246.1). |
| Host | Rabbit |
| Isotype | IgG |
| Purification | Affinity purification |
| Conjugation | Unconjugated |
| Formulation | PBS with 0.02% sodium azide, 50% glycerol, pH7.3. |

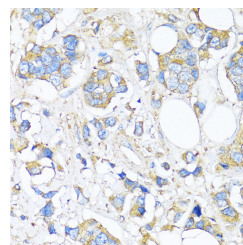
Applications Recommended Dilution

| | |
|------------|------------|
| IHC | 1:50-1:200 |
|------------|------------|

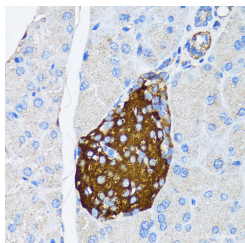
Data



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).

Preparation & Storage

| | |
|----------------|---|
| Storage | Store at -20°C. Avoid freeze / thaw cycles. |
|----------------|---|

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,

For Research Use Only

A Reliable Research Partner in Life Science and Medicine

Toll-free: 1-888-852-8623

Web: www.elabscience.com

Tel: 1-832-243-6086

Email: techsupport@elabscience.com

Fax: 1-832-243-6017

TIMP2 Polyclonal Antibody

Catalog Number:E-AB-66821



and by inhibiting protease activity in tissues undergoing remodelling of the extracellular matrix.

For Research Use Only

A Reliable Research Partner in Life Science and Medicine

Toll-free: 1-888-852-8623

Web: www.elabscience.com

Tel: 1-832-243-6086

Email: techsupport@elabscience.com

Fax: 1-832-243-6017