

TIMP4 Antibody

Catalog No: #33526

Package Size: #33526-1 50ul #33526-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

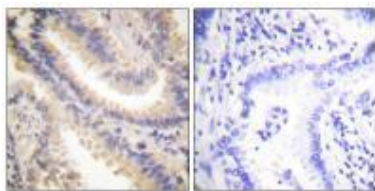
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|-----------------------|--|
| Product Name | TIMP4 Antibody |
| Host Species | Rabbit |
| Clonality | Polyclonal |
| Purification | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| Applications | WB IHC |
| Species Reactivity | Hu Ms Rt |
| Specificity | The antibody detects endogenous levels of total TIMP4 protein. |
| Immunogen Type | Peptide |
| Immunogen Description | Synthesized peptide derived from C-terminal of human TIMP4. |
| Target Name | TIMP4 |
| Other Names | TIMP metalloproteinase inhibitor 4; tissue inhibitor of metalloproteinase 4; Metalloproteinase inhibitor 4; |
| Accession No. | Swiss-Prot: Q99727NCBI Gene ID: 7079 |
| Uniprot | Q99727 |
| GeneID | 7079; |
| SDS-PAGE MW | 26kd |
| Concentration | 1.0mg/ml |
| Formulation | Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| Storage | Store at -20°C |

Application Details

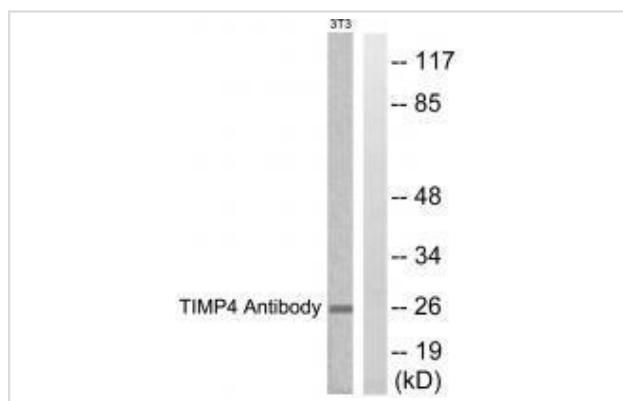
Western blotting: 1:500~1:3000

Immunohistochemistry: 1:50~1:100

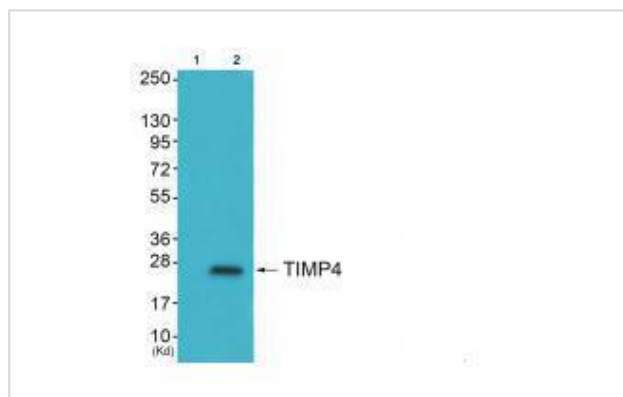
Images



Immunohistochemistry analysis of paraffin-embedded human lung carcinoma tissue using TIMP4 antibody #33526.



Western blot analysis of extracts from NIH/3T3 cells, using TIMP4 antibody #33526.



Western blot analysis of extracts from HepG2 cells (Lane 2), using TIMP4 antibody #33526. The lane on the left is treated with synthesized peptide.

Background

Complexes with metalloproteinases (such as collagenases) and irreversibly inactivates them by binding to their catalytic zinc cofactor. Known to act on MMP-1, MMP-2, MMP-3, MMP-7 and MMP-9.

Jennifer Adjodha, AACR Meeting Abstracts, Apr 2005; 2005: 699.

Kiyoshi Asada, AACR Meeting Abstracts, Apr 2005; 2005: 202.

Elaine K Green, J. Med. Genet., Aug 2000; 37: 581.

Jennifer Adjodha, AACR Meeting Abstracts, Apr 2006; 2006: 1028.

Note: This product is for in vitro research use only