

Product datasheet for TA309545

TIMP1 Goat Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: WB

Recommended Dilution: WB: 0.1-0.3ug/ml

Reactivity: Human (Expected from sequence similarity: Dog)

Host: Goat

Clonality: Polyclonal

Immunogen: Peptide with sequence C-NSLSLAQRRGFTKTY, from the internal region of the protein

sequence according to NP_003245.1.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum Formulation:

albumin.

Purification: Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity

chromatography using the immunizing peptide.

Conjugation: Unconjugated

Storage: Store at -20°C as received.

Stability: Stable for 12 months from date of receipt.

Gene Name: TIMP metallopeptidase inhibitor 1

Database Link: NP 003245

Entrez Gene 403816 DogEntrez Gene 7076 Human

P01033

Background: This gene belongs to the TIMP gene family. The proteins encoded by this gene family are

> natural inhibitors of the matrix metalloproteinases (MMPs), a group of peptidases involved in degradation of the extracellular matrix. In addition to its inhibitory role against most of the known MMPs, the encoded protein is able to promote cell proliferation in a wide range of cell types, and may also have an anti-apoptotic function. Transcription of this gene is highly inducible in response to many cytokines and hormones. In addition, the expression from

some but not all inactive X chromosomes suggests that this gene inactivation is polymorphic

in human females. This gene is located within intron 6 of the synapsin I gene and is

transcribed in the opposite direction. [provided by RefSeq]

Synonyms: CLGI; EPA; EPO; HCI; TIMP; TIMP-1



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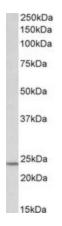
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Protein Families: Druggable Genome, Secreted Protein

Product images:



TA309545 (0.1ug/ml) staining of Human Kidney lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.