

## 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.
Formulation:	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum 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 metalloproteinase inhibitor 1
Database Link:	<a href="#">NP_003245</a> <a href="#">Entrez Gene 403816 Dog</a> <a href="#">Entrez Gene 7076 Human</a> <a href="#">P01033</a>
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; HCl; TIMP; TIMP-1



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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.