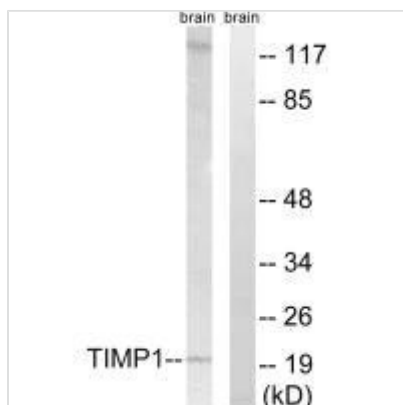


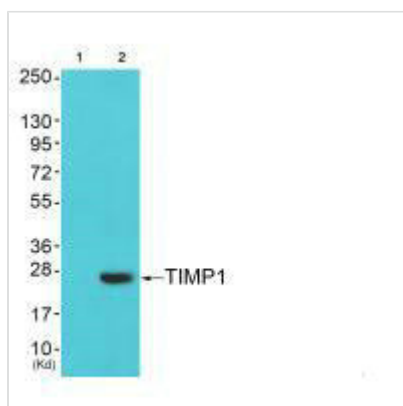


TIMP1 Antibody

Product Code	CSB-PA152790
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P01033
Immunogen	Synthesized peptide derived from internal of Human TIMP1.
Raised In	Rabbit
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous levels of total TIMP1 protein.
Tested Applications	ELISA,WB;WB:1:500-1:3000
Relevance	Metalloproteinase inhibitor that functions by forming one to one complexes with target metalloproteinases, such as collagenases, and irreversibly inactivates them by binding to their catalytic zinc cofactor. Acts on MMP1, MMP2, MMP3, MMP7, MMP8, MMP9, MMP10, MMP11, MMP12, MMP13 and MMP16. Does not act on MMP14. Also functions as a growth factor that regulates cell differentiation, migration and cell death and activates cellular signaling cascades via CD63 and ITGB1. Plays a role in integrin signaling. Mediates erythropoiesis in vitro; but, unlike IL3, it is species-specific, stimulating the growth and differentiation of only human and murine erythroid progenitors. Anieta M. Sieuwerts, Clin. Chem., May 2007; 10.1373. KM Fong, Clin. Cancer Res., Aug 1996; 2: 1369. E. Susol, Rheumatology, Dec 2000; 39: 1332 - 1336. Christopher J Jackson, Ann Rheum Dis, Mar 1998; 57: 158 - 161.
Form	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purification Method	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Alias	tissue inhibitor of metalloproteinase 1;
Product Type	Polyclonal Antibody
Species	Homo sapiens (Human)
Target Names	TIMP1
Image	



Western blot analysis of extracts from 293 cells, using TIMP1 antibody.



Western blot analysis of extracts from cos-7 cells (Lane 2), using TIMP1 antibody. The lane on the left is treated with synthesized peptide.