

Metalloproteinase inhibitor 2 Polyclonal Antibody

Catalog No: #42482

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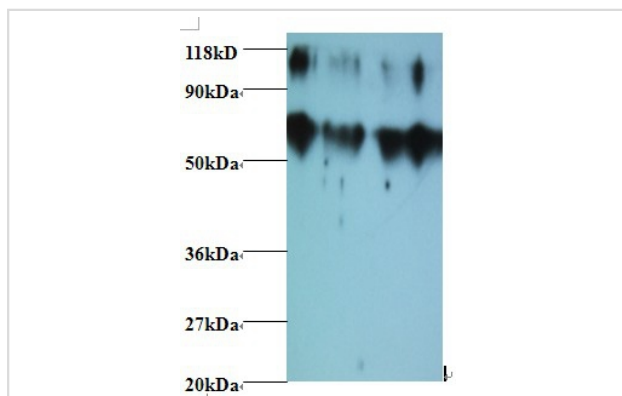
Description

Product Name	Metalloproteinase inhibitor 2 Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Caprylic Acid Ammonium Sulfate Precipitation purified
Applications	WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total Metalloproteinase inhibitor 2 polyclonal antibody.
Immunogen Type	protein
Immunogen Description	Recombinant human Metalloproteinase inhibitor 2 protein
Target Name	Metalloproteinase inhibitor 2
Other Names	TIMP2
Accession No.	Swiss-Prot#: P16035
Uniprot	P16035
GeneID	7077;
Calculated MW	24kd
Formulation	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Storage	Store at -20°C

Application Details

Western blotting: □1:500 - 1:1000

Images



All lanes : Metalloproteinase inhibitor 2 antibody at at 2ug/ml
 Lane 1 : EC109 whole cell lysate
 Lane 2 : 293T whole cell lysate
 Secondary Goat polyclonal to Rabbit IgG at 1/15000 dilution
 Predicted band size : 24kDa
 Observed band size: 60kDa
 Additional bands at : 118 kDa. We are unsure as to the identity of this extra band.

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, MMP-8, MMP-9, MMP-10, MMP-13, MMP-14, MMP-15, MMP-16 and MMP-19.

References

[1] "Tissue inhibitor of metalloproteinases-2 (TIMP-2) mRNA expression in tumor cell lines and human tumor tissues." Stetler-Stevenson W.G., Brown P.D., Onisto M., Levy A.T., Liotta L.A.J. *Biol. Chem.* 265:13933-13938(1990) [2] "cDNA cloning and expressi

Note: This product is for in vitro research use only