

## Metalloproteinase inhibitor 3 Polyclonal Antibody

Catalog No: #42548

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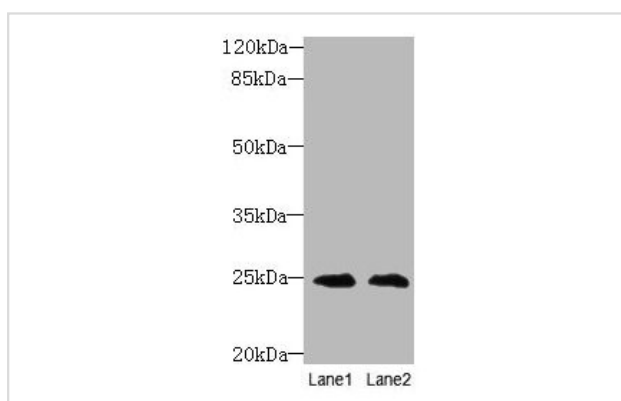
## Description

Product Name	Metalloproteinase inhibitor 3 Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Caprylic Acid Ammonium Sulfate Precipitation purified
Applications	WB IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total Metalloproteinase inhibitor 3 polyclonal antibody.
Immunogen Description	Recombinant human Metalloproteinase inhibitor 3 protein
Target Name	Metalloproteinase inhibitor 3
Other Names	Protein MIG-5, Tissue inhibitor of metalloproteinases 3, TIMP3
Accession No.	Swiss-Prot#: P35625
Uniprot	P35625
GeneID	7078;
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 3 antibody at 2ug/ml  
 Lane 1: EC109 whole cell lysate  
 Lane 2: 293T whole cell lysate  
 secondary Goat polyclonal to rabbit at 1/10000 dilution  
 predicted band size : 24kDa  
 observed band size : 24kDa

## Background

Complexes with metalloproteinases (such as collagenases) and irreversibly inactivates them by binding to their catalytic zinc cofactor. May form part of a tissue-specific acute response to remodeling stimuli. Known to act on MMP-1, MMP-2, MMP-3, MMP-7, MMP-9, MMP-13, MMP-14 and MMP-15.

## References

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[1] "Structure and expression in breast tumors of human TIMP-3, a new member of the metalloproteinase inhibitor family." Uria J.A., Ferrando A.A., Velasco G., Freije J.M., Lopez-Otin C. *Cancer Res.* 54:2091-2094(1994) [2] "Cloning and chara

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Note: This product is for in vitro research use only