

# TIMP-2/TIMP2 Polyclonal Antibody

Catalog Number:D-AB-10444L



**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

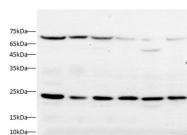
## Description

<b>Reactivity</b>	Human,Mouse,Rat
<b>Immunogen</b>	Recombinant Human TIMP-2/TIMP2 protein expressed by E.coli
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification</b>	Antigen Affinity Purification
<b>Conjugation</b>	Unconjugated
<b>Formulation</b>	PBS with 0.02% sodium azide,1% protective protein and 50% glycerol,pH7.4

## Applications Recommended Dilution

<b>WB</b>	1:500-1:1000
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## Data



Western blot with TIMP-2/TIMP2 Polyclonal antibody at dilution of 1:1000.lane 1:Hela whole cell lysate,lane 2:SH-SY5Y whole cell lysate,lane 3:A431 whole cell lysate,lane 4:C6 whole cell lysate,lane 5:U-20S whole cell lysate,lane 6:NIH-3T3 whole cell lysate

**Observed Mw:24 kDa**  
**Calculated Mw:24 kDa**

## Preparation & Storage

<b>Storage</b>	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
<b>Shipping</b>	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

## Background

Tissue inhibitors of metalloproteinases or TIMPs are a family of proteins that regulate the activation and proteolytic activity of the zinc enzymes known as matrix metalloproteinases (MMPs). There are four members of the family,TIMP-1,TIMP-2,TIMP-3,and TIMP-4. Tissue Inhibitor of Metalloproteinases 2 (TIMP-2) is a non N-glycosylated protein with a molecular mass of 22 kDa. It produced by a wide range of cell types,which inhibits MMPs non-covalently by the formation of binary complexes and irreversibly inactivates them by binding to their catalytic zinc cofactor. TIMP-2 also has erythroid-potentiating and cell growth promoting activities.

## For Research Use Only

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