

TIMP-2/TIMP2 Polyclonal Antibody

catalog number: D-AB-10444L

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

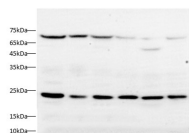
Description

Reactivity	Human;Mouse;Rat
Immunogen	Recombinant Human TIMP-2/TIMP2 protein expressed by E.coli
Host	Rabbit
Isotype	IgG
Purification	Antigen Affinity Purification
Buffer	PBS with 0.05% Proclin300, 1% protective protein and 50% glycerol, pH7.4

Applications

WB	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

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	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.

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