

MT2 rabbit pAb

Catalog No: YT6297

Reactivity: Human; Mouse; Rat

Applications: IHC;IF

Target: MT2

Fields: >>Mineral absorption

P02795

P02798

Gene Name: MT2A CES1 MT2

Protein Name: MT2

Human Gene Id: 4502

Human Swiss Prot

Tullian Swiss Frot

No:

Mouse Gene Id: 17750

Mouse Swiss Prot

No:

Rat Gene Id: 689415

Rat Swiss Prot No: P04355

Immunogen: Synthesized peptide derived from human MT2 AA range: 6-56

Specificity: This antibody detects endogenous levels of MT2 at Human/Mouse/Rat

Formulation : Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Source: Polyclonal, Rabbit, IgG

Dilution : IHC 1 250-200. IF 1:50-200

Purification: The antibody was affinity-purified from rabbit antiserum by affinity-

1/2



chromatography using epitope-specific immunogen.

Concentration: 1 mg/ml

Storage Stability: -15°C to -25°C/1 year(Do not lower than -25°C)

Molecularweight: 7kD

Function: domain:Class I metallothioneins contain 2 metal-binding domains: four divalent

ions are chelated within cluster A of the alpha domain and are coordinated via cysteinyl thiolate bridges to 11 cysteine ligands. Cluster B, the corresponding

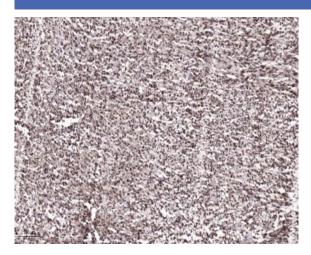
region within the beta domain, can ligate three divalent ions to 9

cysteines.,function:Metallothioneins have a high content of cysteine residues that bind various heavy metals; these proteins are transcriptionally regulated by both heavy metals and glucocorticoids.,miscellaneous:This metallothionein binds zinc.,similarity:Belongs to the metallothionein superfamily. Type 1 family.,

Subcellular Location:

nucleus, cytoplasm, cytosol, perinuclear region of cytoplasm,

Products Images



Immunohistochemical analysis of paraffin-embedded human Colon cancer. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).