

## MT1F rabbit pAb

<b>Catalog No :</b>	YT6589
<b>Reactivity :</b>	Human
<b>Applications :</b>	IHC;IF
<b>Target :</b>	MT1F
<b>Fields :</b>	>>Mineral absorption
<b>Gene Name :</b>	MT1F PRO0376
<b>Protein Name :</b>	MT1F
<b>Human Gene Id :</b>	4494
<b>Human Swiss Prot No :</b>	P04733
<b>Immunogen :</b>	Synthesized peptide derived from human MT1F AA range: 5-55
<b>Specificity :</b>	This antibody detects endogenous levels of MT1F at Human
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	IHC 1:50-200. IF 1:50-200
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Concentration :</b>	1 mg/ml
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)
<b>Molecularweight :</b>	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.,similarity:Belongs to the metallothionein superfamily. Type 1 family.,subunit:Monomer.,

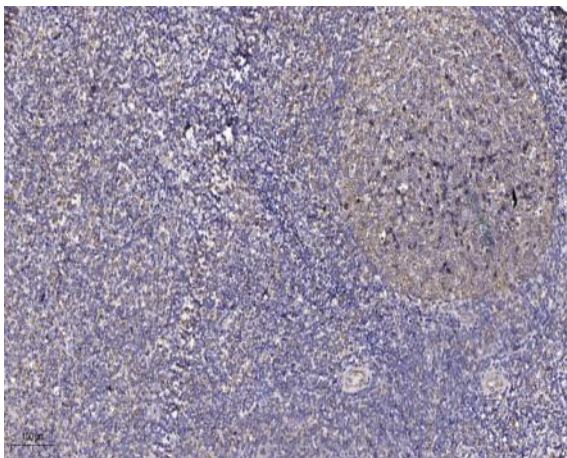
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**Subcellular Location :**

nucleus,cytoplasm,perinuclear region of cytoplasm,

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## Products Images



Immunohistochemical analysis of paraffin-embedded human tonsil. 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).