

Metallothionein-1A Polyclonal Antibody

Catalog No: #42613

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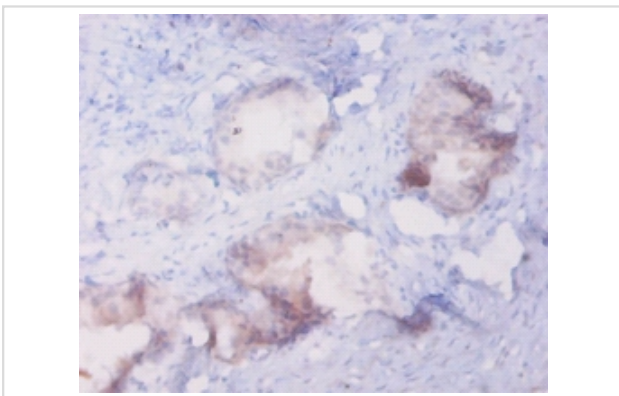
Description

Product Name	Metallothionein-1A Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Caprylic Acid Ammonium Sulfate Precipitation purified
Applications	IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total Metallothionein-1A polyclonal antibody.
Immunogen Type	protein
Immunogen Description	Recombinant human Metallothionein-1A protein
Target Name	Metallothionein-1A
Other Names	Metallothionein-1A, MT1A, MT1S
Accession No.	Swiss-Prot#: P04731
Uniprot	P04731
GeneID	4489;
Formulation	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Storage	Store at -20°C

Application Details

Immunohistochemistry: 1:20 - 1:200

Images



Immunohistochemical analysis of paraffin-embedded human prostate using #42613 at dilution of 1:20.

Background

Metallothioneins have a high content of cysteine residues that bind various heavy metals; these proteins are transcriptionally regulated by both heavy metals and glucocorticoids.

References

[1] "Structural and functional analysis of the human metallothionein-IA gene: differential induction by metal ions and glucocorticoids." Richards R.I., Heguy A., Karin M. Cell 37:263-272(1984) [2] "Cloning of a novel member of the MT ge

Note: This product is for in vitro research use only