

MTFP1 Polyclonal Antibody

catalog number: E-AB-11412

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

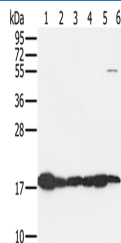
Description

Reactivity	Human;Mouse
Immunogen	Recombinant protein of human MTFP1
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.

Applications

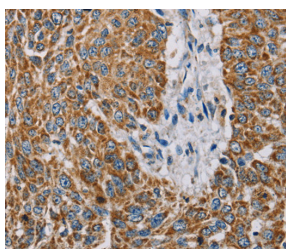
Applications	Recommended Dilution
WB	1:500-1:2000
IHC	1:50-1:200

Data

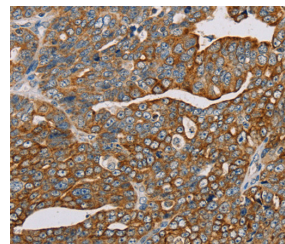


Western Blot analysis of Mouse heart and muscle tissue, hela cell and Mouse liver tissue, Mouse kidney tissue and hepg2 cell using MTFP1 Polyclonal Antibody at dilution of 1:450

Calculated-MW:18 kDa



Immunohistochemistry of paraffin-embedded Human lung cancer using MTFP1 Polyclonal Antibody at dilution of 1:30



Immunohistochemistry of paraffin-embedded Human cervical cancer using MTFP1 Polyclonal Antibody at dilution of 1:30

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

MTP18 (mitochondrial 18 kDa protein), also known as HSPC242, is a 166 amino acid protein essential for cell viability. MTP18 may also have a role in maintaining the integrity of the mitochondrial network. Localized to the mitochondrion, expression of MTP18 is regulated by the PI 3-kinase pathway. Loss of function of MTP18 results in the release of cytochrome c, which subsequently activates the caspase cascade and leads to apoptosis.

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