

MTFP1 Polyclonal Antibody

Catalog Number:E-AB-11412

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

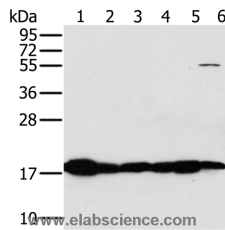
Description

| | |
|---------------------|---|
| Reactivity | Human,Mouse |
| Immunogen | Recombinant protein of human MTFP1 |
| Host | Rabbit |
| Isotype | IgG |
| Purification | Affinity purification |
| Conjugation | Unconjugated |
| Formulation | PBS with 0.05% sodium azide and 50% glycerol, PH7.4 |

Applications Recommended Dilution

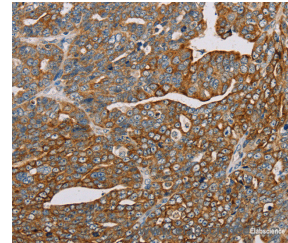
| | |
|------------|--------------|
| WB | 1:500-1:2000 |
| IHC | 1:50-1:200 |

Data

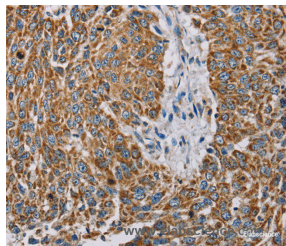


Western Blot analysis of Mouse heart and muscle tissue, hela cell and Mouse liver tissue, Mouse kidney tissue and hepg2 cell using MTFP1 Polyclonal Antibody at dilution of 1:450

Calculated Mw:18kDa



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



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

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

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,

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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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