



Rabbit Anti-MLT5 antibody

SL9192R

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| Product Name: | MLT5 |
| Chinese Name: | 睾丸特异性MLT5蛋白抗体 |
| Alias: | testis-specific; CXDC2 antibody Metallothionein-like 5; Metallothionein-like 5, testis-specific; Mtl5; MTL5_HUMAN; Tesmin; Testis-specific metallothionein-like protein. |
| Organism Species: | Rabbit |
| Clonality: | Polyclonal |
| React Species: | Human,Mouse,Rat,Pig,Rabbit, |
| Applications: | ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:50-200 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user. |
| Molecular weight: | 55kDa |
| Cellular localization: | The nucleuscytoplasmic |
| Form: | Lyophilized or Liquid |
| Concentration: | 1mg/ml |
| immunogen: | KLH conjugated synthetic peptide derived from human MLT5:400-508/508 |
| Lsotype: | IgG |
| Purification: | affinity purified by Protein A |
| Storage Buffer: | 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol. |
| Storage: | Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C. |
| PubMed: | PubMed |
| Product Detail: | Metallothionein proteins are highly conserved low-molecular-weight cysteine-rich proteins that are induced by and bind to heavy metal ions and have no enzymatic activity. They may play a central role in the regulation of cell growth and differentiation and are involved in spermatogenesis. This gene encodes a metallothionein-like protein which has been shown to be expressed differentially in |

mouse testis and ovary. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

Function:

May have a role in spermatogenesis (Probable).

Subcellular Location:

Cytoplasm. Nucleus.

Tissue Specificity:

Expressed specifically in testis.

Similarity:

Belongs to the lin-54 family.

Contains 1 CRC domain.

SWISS:

Q9Y4I5

Gene ID:

9633

Database links:

[Entrez Gene: 9633](#)Human

[Omim: 604374](#)Human

[SwissProt: Q9Y4I5](#)Human

[Unigene: 145932](#)Human

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.