

## Rabbit anti-Human Metallothionein-2 Polyclonal Antibody | anti-MT2 antibody

Rabbit anti-human Metallothionein-2 polyclonal Antibody

|                               |                       |                            |                                                    |
|-------------------------------|-----------------------|----------------------------|----------------------------------------------------|
| CATALOG #<br><b>AAA118009</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunohistochemistry, ELISA</b> |
|-------------------------------|-----------------------|----------------------------|----------------------------------------------------|

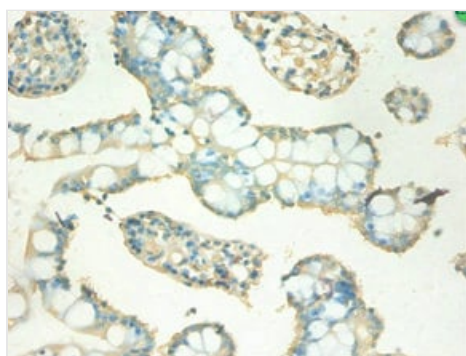
### PRODUCT SYNONYMS

Metallothionein-2; Polyclonal Antibody; Rabbit anti-human Metallothionein-2 polyclonal Antibody; Metallothionein-2A; Metallothionein-II; MT2A; CES1; anti-MT2 antibody

### PRODUCT SPECIFICATIONS

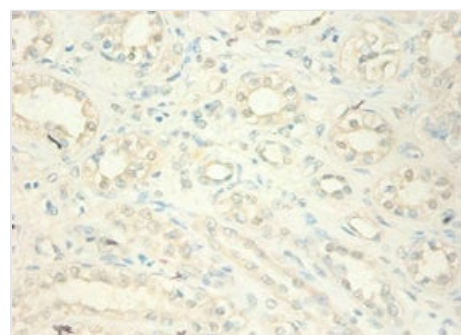
|                                               |                                                                                                                |
|-----------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| Host                                          | Rabbit                                                                                                         |
| Reactivity                                    | Human                                                                                                          |
| Clonality                                     | Polyclonal                                                                                                     |
| Isotype                                       | IgG                                                                                                            |
| Purity/Purification                           | Caprylic Acid Ammonium Sulfate Precipitation Purified                                                          |
| Sequence Length                               | 61                                                                                                             |
| Applicable Applications for anti-MT2 antibody | IHC (Immunohistochemistry), ELISA                                                                              |
| Storage Buffer                                | Preservative: 0.03% Proclin 300<br>Constituents: 50% Glycerol, 0.01M PBS, PH 7.4                               |
| Conjugate                                     | Non-conjugated                                                                                                 |
| Immunogen                                     | Recombinant human Metallothionein-2                                                                            |
| Preparation and Storage                       | Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze. |

### IMAGES



**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded human small intestine using AAA118009 at dilution 1:100



**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded human kidney using AAA118009 at dilution 1:100

### ADDITIONAL INFORMATION

|                                                          |                                                                                                                                                                                    |
|----------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Related Product Information for anti-MT2 antibody</b> | Metallothioneins have a high content of cysteine residues that bind various heavy metals; these proteins are transcriptionally regulated by both heavy metals and glucocorticoids. |
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NCBI AND UNIPROT INFORMATION

|                                  |                                |
|----------------------------------|--------------------------------|
| NCBI GI #                        | 5174764                        |
| NCBI GeneID                      | 4502                           |
| NCBI Accession #                 | NP_005944.1                    |
| NCBI GenBank Nucleotide #        | NM_005953.3                    |
| UniProt Accession #              | P02795; Q14823; Q2HXR9; Q53XT9 |
| Molecular Weight                 | 6,042 Da                       |
| NCBI Official Full Name          | metallothionein-2              |
| NCBI Official Synonym Full Names | metallothionein 2A             |
| NCBI Official Symbol             | MT2A                           |
| NCBI Official Synonym Symbols    | MT2                            |
| NCBI Protein Information         | metallothionein-2              |
| UniProt Protein Name             | Metallothionein-2              |
| UniProt Gene Name                | <b>MT2A</b>                    |
| UniProt Synonym Gene Names       | CES1; MT2; MT-2; MT-II         |
| UniProt Entry Name               | MT2_HUMAN                      |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/polyclonal/metallothionein-2-antibody-immunohistochemistry-elisa/118009>