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Datasheet for ABIN1386027

anti-Thimet Oligopeptidase 1 antibody (AA 51-150)

Overview

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| Quantity: | 100 µL |
| Target: | Thimet Oligopeptidase 1 (THOP1) |
| Binding Specificity: | AA 51-150 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This Thimet Oligopeptidase 1 antibody is un-conjugated |
| Application: | Western Blotting (WB), ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunocytochemistry (ICC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)) |

Product Details

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| Immunogen: | KLH conjugated synthetic peptide derived from human Thimet Oligopeptidase |
| Isotype: | IgG |
| Predicted Reactivity: | Human,Mouse,Rat,Dog,Horse |
| Purification: | Purified by Protein A. |

Target Details

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| Target: | Thimet Oligopeptidase 1 (THOP1) |
| Alternative Name: | THOP1/Thimet Oligopeptidase (THOP1 Products) |

Target Details

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| Background: | Synonyms: Endopeptidase 24.15, EP24.15, MEPD_HUMAN, MP78, Thimet oligopeptidase 1, Thimet oligopeptidase, Thop1, THOP1_HUMAN, EC 3.4.24.15. Background: Thimet oligopeptidase, also designated soluble metallo-endopeptidase, is a cytoplasmic protein belonging to the peptidase M3 family. The gene for the protein maps against chromosome 19q13.3. Thimet oligopeptidase can degrade the b-Amyloid precursor protein and generate amyloidogenic fragments. It is important in cytoplasmic peptide degradation and involved in metabolism of neuropeptides that are less than 20 amino acids in length. Thimet oligopeptidase is highly expressed in testis but can also be detected in liver, lung and kidney. |
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Application Details

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| Application Notes: | WB 1:300-5000 ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200 ICC 1:100-500 |
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| Restrictions: | For Research Use only |
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Handling

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| Format: | Liquid |
| Concentration: | 1 µg/µL |
| Buffer: | 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol. |
| Preservative: | ProClin |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only. |
| Storage: | 4 °C,-20 °C |
| Storage Comment: | Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. |
| Expiry Date: | 12 months |