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# PM20D2 Rabbit pAb

PM20D2 Rabbit pAb
Catalog # AP54950

## Product Information

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|---|---|
| **Application** | IHC-P, IHC-F, IF, E |
| **Primary Accession** | Q8IYS1 |
| **Predicted** | Human, Mouse, Rat, Horse, Sheep |
| **Host** | Rabbit |
| **Clonality** | Polyclonal |
| **Calculated MW** | 47776 |
| **Physical State** | Liquid |
| **Immunogen** | KLH conjugated synthetic peptide derived from human PM20D2 |
| **Epitope Specificity** | 151-250/436 |
| **Purity** | affinity purified by Protein A |
| **Buffer** | 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. |
| **SIMILARITY** | Belongs to the peptidase M20A family. |
| **Important Note** | This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications. |

## Additional Information

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| **Gene ID** | 135293 |
| **Other Names** | Xaa-Arg dipeptidase, 3.4.13.4, Beta-Ala-Lys dipeptidase, PM20D2 {ECO:0000303\|PubMed:24891507, ECO:0000312\|HGNC:HGNC:21408} |
| **Dilution** | IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:5000-10000 |
| **Storage** | Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. 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. |

## Protein Information

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|---|---|
| **Name** | PM20D2 {ECO:0000303\|PubMed:24891507, ECO:0000312\|HGNC:HGNC:21408} |
| **Function** | Catalyzes the peptide bond hydrolysis in dipeptides having basic amino acids lysine, ornithine or arginine at C-terminus. Postulated to function in a metabolite repair mechanism by eliminating alternate dipeptide by-products formed during carnosine synthesis. |