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PM20D2 Rabbit pAb

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Catalog # AP54950

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q8IYS1
Predicted	Rat, Human, Mouse, 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
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Additional Information

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

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.

Background

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Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.