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phospho-DNPEP (Ser109) Rabbit pAb

Catalog # AP98529

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q9ULA0
Other Accession	Q9ULA0
Predicted	Rat, Pig, Human, Mouse, Dog, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	53410
Physical State	Liquid
Immunogen	KLH conjugated synthesised phosphopeptide derived from human DNPEP around the phosphorylation site of Ser109
Epitope Specificity	RR(p-S)QV
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	Preservative: 0.02% Proclin300, Constituents: 1% BSA, 0.01M PBS, pH7.4.
SIMILARITY	Belongs to the peptidase M18 family.
SUBUNIT	Tetrahedron-shaped homododecamer built from six homodimers.
DISEASE	Belongs to the peptidase M18 family.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	The protein encoded by this gene is an aminopeptidase which prefers acidic amino acids, and specifically favors aspartic acid over glutamic acid. It is thought to be a cytosolic protein involved in general metabolism of intracellular proteins. [provided by RefSeq, Jul 2008]

Additional Information

Gene ID	23549
Other Names	ASPEP; DAP; DNPEP_HUMAN; DNPEP; 3.4.11.21; DNPEP_MOUSE; aspartyl aminopeptidase; DNPEP (phospho-S109); p-DNPEP; phospho-DNPEP; DNPEP (phospho-Ser109)
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500
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	DNPEP (HGNC:2981)

Synonyms	ASPEP, DAP
Function	Aminopeptidase with specificity towards an acidic amino acid at the N-terminus. Likely to play an important role in intracellular protein and peptide metabolism.
Cellular Location	Cytoplasm.
Tissue Location	Ubiquitous..

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