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Rabbit Anti-phospho-DNPEP (Ser109) antibody

SL20424R

Product Name:	phospho-DNPEP (Ser109)
Chinese Name:	磷酸化天冬氨酰氨基肽酶(S109)抗体
Alias:	DNPEP(phospho S109); DNPEP(phospho Ser109); Aspartyl aminopeptidase; ASPEP; DAP; DNPEP_HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Cow,Sheep,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500（Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	52kDa
Cellular localization:	cytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthesised phosphopeptide derived from human DNPEP around the phosphorylation site of Ser109:RR(p-S)QV
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	Preservative: 15mM Sodium Azide, Constituents: 1% BSA, 0.01M PBS, pH 7.4
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. 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.
PubMed:	PubMed
Product Detail:	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]

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.

Subunit:
Tetrahedron-shaped homododecamer built from six homodimers.

Subcellular Location:
Cytoplasm.

Tissue Specificity:
Ubiquitous.

DISEASE:
Belongs to the peptidase M18 family.

SWISS:
Q9ULA0

Gene ID:
23549

Database links:

Entrez Gene: 23549Human

Entrez Gene: 13437Mouse

Entrez Gene: 301529Rat

Omim: 611367Human

SwissProt: Q9ULA0Human

SwissProt: Q9Z2W0Mouse

Unigene: 258551Human

Unigene: 24680Mouse

Unigene: 65448Rat

Important Note:
This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.