



Rabbit Anti-DNPEP antibody

SL20423R

Product Name:	DNPEP
Chinese Name:	天冬氨酰氨基肽酶抗体
Alias:	Aspartyl aminopeptidase; ASPEP; DAP; DNPEP_HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Chicken,Dog,Pig,Cow,Horse,Rabbit,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 synthetic peptide derived from human DNPEP:251-350/475
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:	<p>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]</p> <p>Function: Aminopeptidase with specificity towards an acidic amino acid at the N-terminus. Likely</p>

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.

Similarity:

Belongs to the peptidase M18 family.

SWISS:

Q9ULA0

Gene ID:

23549

Database links:

[Entrez Gene: 23549](#)Human

[Entrez Gene: 13437](#)Mouse

[Entrez Gene: 301529](#)Rat

[Omim: 611367](#)Human

[SwissProt: Q9ULA0](#)Human

[SwissProt: Q9Z2W0](#)Mouse

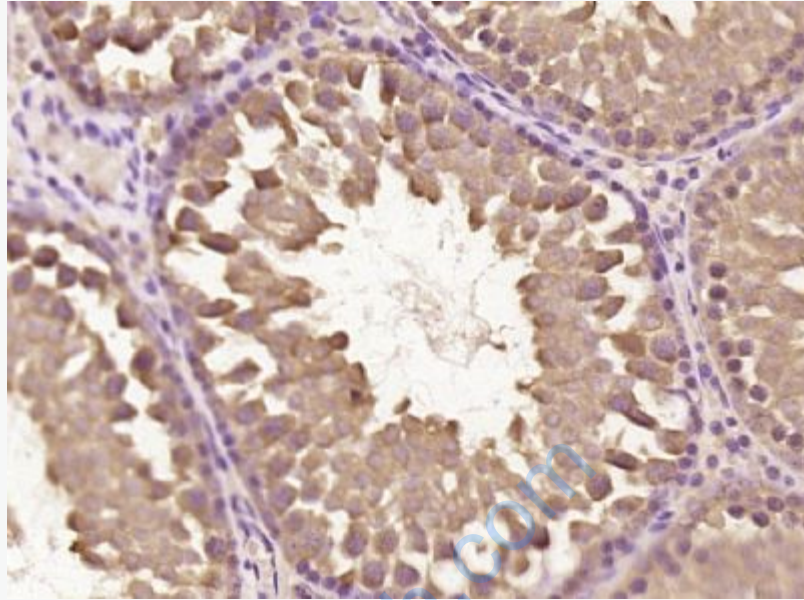
[Unigene: 258551](#)Human

[Unigene: 24680](#)Mouse

[Unigene: 65448](#)Rat

Important Note:

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



Picture:

Paraformaldehyde-fixed, paraffin embedded (rat testis tissue); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (DNPEP) Polyclonal Antibody, Unconjugated (SL20423R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.