

# DNPEP Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full length recombinant DNPEP.

Catalog # AT1807a

## Product Information

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<b>Application</b>	WB, IF
<b>Primary Accession</b>	<a href="#">Q9ULA0</a>
<b>Other Accession</b>	<a href="#">BC000653</a>
<b>Reactivity</b>	Human
<b>Host</b>	mouse
<b>Clonality</b>	monoclonal
<b>Isotype</b>	IgG1 kappa
<b>Clone Names</b>	2F9-3A7
<b>Calculated MW</b>	53410

## Additional Information

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<b>Gene ID</b>	23549
<b>Other Names</b>	Aspartyl aminopeptidase, DNPEP, ASPEP, DAP
<b>Target/Specificity</b>	DNPEP (AAH00653, 1 a.a. ~ 475 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Dilution</b>	WB~~1:500~1000 IF~~1:50~200
<b>Format</b>	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
<b>Precautions</b>	DNPEP Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

## Background

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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.

## References

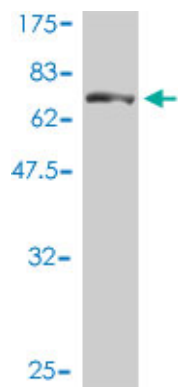
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Large-scale mapping of human protein-protein interactions by mass spectrometry. Ewing RM, et al. Mol Syst Biol, 2007. PMID 17353931. Towards a proteome-scale map of the human protein-protein interaction network. Rual JF, et al. Nature, 2005 Oct 20. PMID 16189514. The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC). Gerhard DS, et al. Genome Res, 2004 Oct.

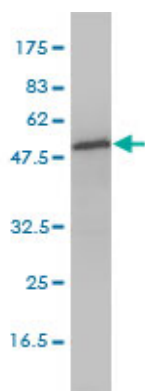
PMID 15489334. Complete sequencing and characterization of 21,243 full-length human cDNAs. Ota T, et al. Nat Genet, 2004 Jan. PMID 14702039. Angiotensinase activities in the kidney of renovascular hypertensive rats. Prieto I, et al. Peptides, 2003 May. PMID 12895663.

## Images

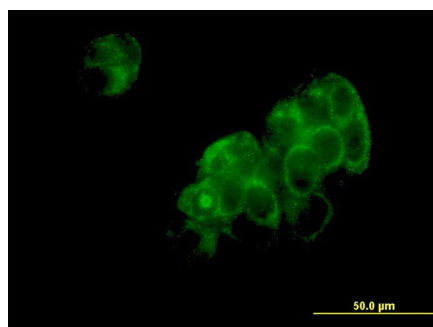
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Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (77.99 KDa) .



DNPEP monoclonal antibody (M01), clone 2F9-3A7  
Western Blot analysis of DNPEP expression in MCF-7 (Cat # AT1807a )



Immunofluorescence of monoclonal antibody to DNPEP on MCF-7 cell . [antibody concentration 10 ug/ml]

## Citations

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- [DNPEP is not the only peptidase that produces SPAK fragments in kidney.](#)

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