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DNPEP Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full length recombinant DNPEP.
Catalog # AT1807a

Specification

DNPEP Antibody (monoclonal) (M01) - Product Information

Application	**IF, WB**
Primary Accession	Q9ULA0
Other Accession	BC000653
Reactivity	**Human**
Host	**mouse**
Clonality	**Monoclonal**
Isotype	**IgG1 kappa**
Calculated MW	**53410**

DNPEP Antibody (monoclonal) (M01) - Additional Information

Gene ID 23549

Other Names
Aspartyl aminopeptidase, DNPEP, ASPEP, DAP

Target/Specificity
DNPEP (AAH00653, 1 a.a. ~ 475 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution
WB~~1:500~1000

Format
Clear, colorless solution in phosphate buffered saline, pH 7.2 .

Storage
Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Precautions
DNPEP Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

DNPEP Antibody (monoclonal) (M01) - Protocols

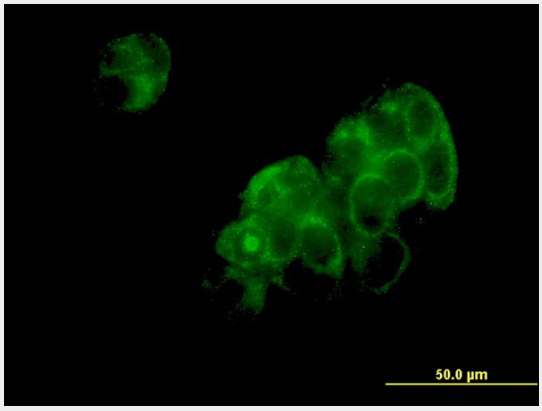
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry

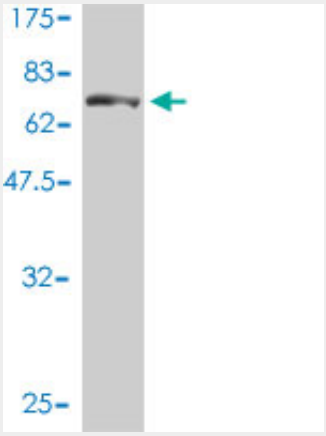
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- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

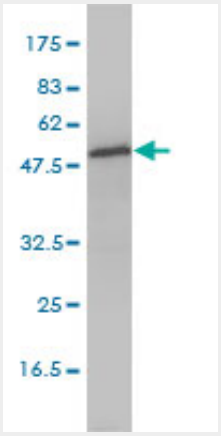
DNPEP Antibody (monoclonal) (M01) - Images



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



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)

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DNPEP Antibody (monoclonal) (M01) - Background

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.

DNPEP Antibody (monoclonal) (M01) - References

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.

DNPEP Antibody (monoclonal) (M01) - Citations

- DNPEP is not the only peptidase that produces SPAK fragments in kidney.