

NPEPL1 Rabbit pAb

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Catalog # AP57476

Product Information

Application	WB
Primary Accession	Q8NDH3
Reactivity	Mouse
Predicted	Rat, Dog, Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	55861
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human NPEPL1
Epitope Specificity	371-470/494
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	Aminopeptidases are widely distributed in eukaryotes and prokaryotes. These enzymes catalyze the removal of amino acids from the N-termini of proteins or peptide substrates. Aminopeptidases are involved in regulating hormone levels and are essential for digestive and intracellular protein metabolism. NPEPL1, also referred to as aminopeptidase-like 1, is a 523 amino acid protein that belongs to the peptidase M17 family and is ubiquitously expressed. NPEPL1 may be involved in the processing, catabolism and degradation of intracellular proteins by catalyzing the removal of unsubstituted N-terminal amino acids from various peptides. NPEPL1 contains several zinc binding sites and is expressed as three isoforms due to alternative splicing events.

Additional Information

Gene ID	79716
Other Names	Probable aminopeptidase NPEPL1, 3.4.11.-, Aminopeptidase-like 1, NPEPL1, KIAA1974
Dilution	WB=1:500-2000
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.

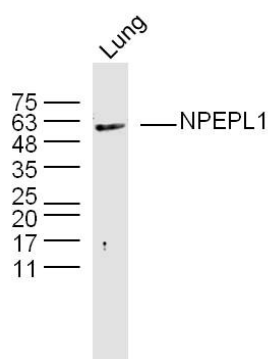
Protein Information

Name	NPEPL1
Synonyms	KIAA1974
Function	Probably catalyzes the removal of unsubstituted N-terminal amino acids from various peptides.
Tissue Location	Ubiquitously expressed.

Background

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Images



Sample: lung (mouse) Lysate at 40 ug
Primary: Anti-NPEPL1(AP57476) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 55 kD
Observed band size: 55 kD

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