

Datasheet for ABIN3029923  
**anti-NPEPPS antibody (AA 709-737)**[Go to Product page](#)

## 3 Images

## Overview

Quantity:	0.4 mL
Target:	NPEPPS
Binding Specificity:	AA 709-737
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NPEPPS antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

## Product Details

Immunogen:	A portion of amino acids 709-737 from the human protein was used as the immunogen for this NPEPPS antibody.
Isotype:	Ig Fraction
Purification:	Purified

## Target Details

Target:	NPEPPS
Alternative Name:	NPEPPS ( <a href="#">NPEPPS Products</a> )
Background:	NPEPPS/PSA is the puromycin-sensitive aminopeptidase, a zinc metallopeptidase which hydrolyzes amino acids from the N-terminus of its substrate. The protein has been localized to both the cytoplasm and to cellular membranes. This enzyme degrades enkaphalins in the brain,

## Target Details

and studies in mouse suggest that it is involved in proteolytic events regulating the cell cycle.

UniProt: [P55786](#)

## Application Details

Application Notes: Titration of the NPEPPS antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000,IHC (Paraffin): 1:50-1:100

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: In 1X PBS, pH 7.4, with 0.09 % sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Aliquot the NPEPPS antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.

## Images



### Western Blotting

**Image 1.** Western blot analysis of NPEPPS antibody and MCF-7 lysate.



#### Immunohistochemistry

**Image 2.** NPEPPS antibody IHC analysis in formalin fixed and paraffin embedded human skeletal muscle.



#### Western Blotting

**Image 3.** Western blot analysis of NPEPPS antibody and MCF-7 lysate.