

Datasheet for ABIN7437584
anti-NPEPPS antibody (AA 584-793)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	NPEPPS
Binding Specificity:	AA 584-793
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NPEPPS antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunoprecipitation (IP)

Product Details

Purpose:	Polyclonal Antibody to Puromycin Sensitive Aminopeptidase (PSA)
Immunogen:	Recombinant Puromycin Sensitive Aminopeptidase (PSA) corresponding to Gly584~Gln793 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against PSA. It has been selected for its ability to recognize PSA in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse, Pig, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

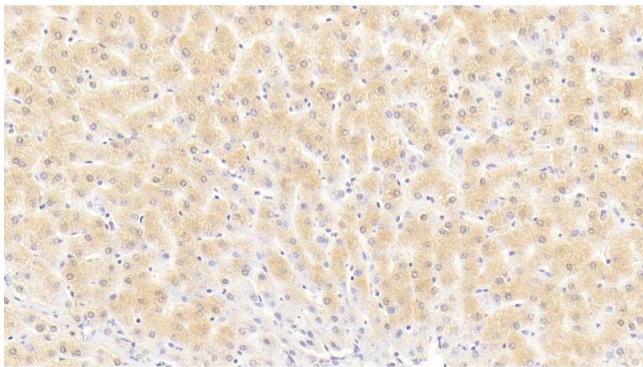
Target:	NPEPPS
Alternative Name:	Puromycin Sensitive Aminopeptidase (NPEPPS Products)
Background:	NPEPPS, AAP-S, Metalloproteinase MP100, Cytosol alanyl aminopeptidase

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL 1:350-1450 Immunohistochemistry: 5-20 µg/mL 1:35-145 Immunocytochemistry: 5-20 µg/mL 1:35-145 Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

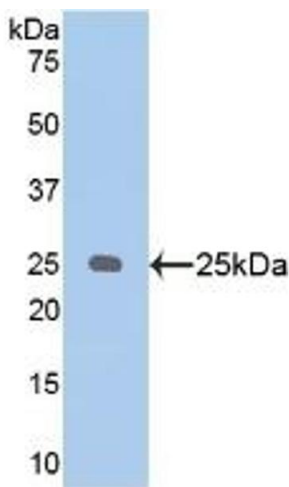
Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



Immunohistochemistry

Image 1. Detection of PSA in Human Liver Tissue using Polyclonal Antibody to Puromycin Sensitive Aminopeptidase (PSA)



Western Blotting

Image 2. Detection of Recombinant PSA, Human using Polyclonal Antibody to Puromycin Sensitive Aminopeptidase (PSA)