

Datasheet for ABIN6291334
anti-LNPEP antibody



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1 Image

Overview

Quantity:	2 x 100 µL
Target:	LNPEP
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LNPEP antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant protein of human LNPEP
Isotype:	IgG
Purification:	Affinity purification

Target Details

Target:	LNPEP
Alternative Name:	LNPEP (LNPEP Products)
Background:	This gene encodes a zinc-dependent aminopeptidase that cleaves vasopressin, oxytocin, lys-bradykinin, met-enkephalin, dynorphin A and other peptide hormones. The protein can be secreted in maternal serum, reside in intracellular vesicles with the insulin-responsive glucose transporter GLUT4, or form a type II integral membrane glycoprotein. The protein catalyzes the final step in the conversion of angiotensinogen to angiotensin IV (AT4) and is also a receptor

Target Details

	for AT4. Alternative splicing results in multiple transcript variants encoding different isoforms.
Molecular Weight:	117.349 kDa
Gene ID:	4012
UniProt:	Q9UIQ6
Pathways:	Regulation of long-term Neuronal Synaptic Plasticity

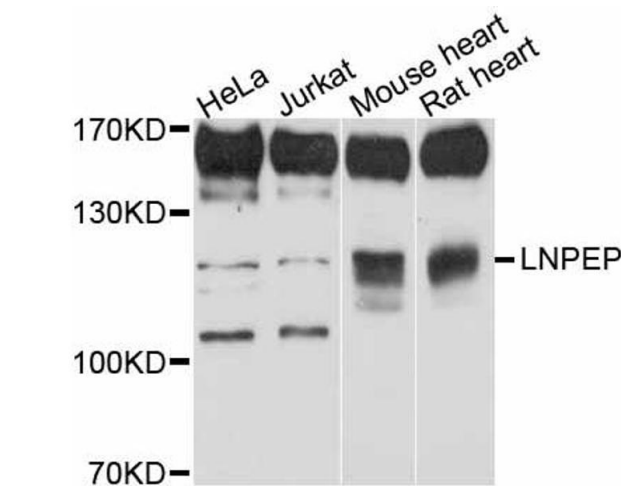
Application Details

Application Notes:	WB 1:500 - 1:2000
Comment:	Highly expressed in placenta, heart, kidney and small intestine, Detected at lower levels in neuronal cells in the brain, in skeletal muscle, spleen, liver, testes and colon
Restrictions:	For Research Use only

Handling

Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.
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:	Store at -20C. Avoid freeze / thaw cycles.

Images



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using LNPEP antibody (ABIN6291334) at 1:3000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.