

Datasheet for ABIN5532824
anti-Apelin antibody (AA 215-244)



[Go to Product page](#)

1 Image

Overview

Quantity:	400 µL
Target:	Apelin (APLN)
Binding Specificity:	AA 215-244
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Apelin antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This APLNR antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 215-244 amino acids from the Central region of human APLNR.
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	Apelin (APLN)
Alternative Name:	APLN (APLN Products)
Background:	This gene encodes a member of the G protein-coupled receptor gene family. The encoded protein is related to the angiotensin receptor, but is actually an apelin receptor that inhibits adenylate cyclase activity and plays a counter-regulatory role against the pressure action of

Target Details

angiotensin II by exerting hypertensive effect. It functions in the cardiovascular and central nervous systems, in glucose metabolism, in embryonic and tumor angiogenesis and as a human immunodeficiency virus (HIV-1) coreceptor. Two transcript variants resulting from alternative splicing have been identified.

Molecular Weight: 43 kDa

Gene ID: 187

UniProt: [P35414](#)

Pathways: [Positive Regulation of Peptide Hormone Secretion](#), [Hormone Activity](#), [Feeding Behaviour](#)

Application Details

Application Notes: For WB starting dilution is: 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.5 mg/mL

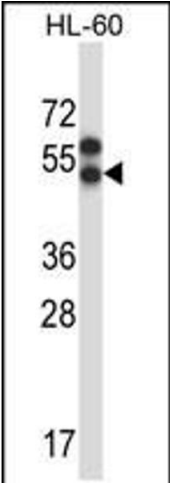
Buffer: Supplied in PBS with 0.09 % (W/V) sodium azide.

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: 4 °C,-20 °C

Storage Comment: Store at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.



Western Blotting

Image 1. Western blot analysis in HL-60 cell line lysates (35ug/lane).