

Datasheet for ABIN2616804
anti-Apelin antibody (AA 60-77)



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Overview

Quantity:	100 µg
Target:	Apelin (APLN)
Binding Specificity:	AA 60-77
Reactivity:	Human, Rat, Mouse, Cow, Monkey, Bat, Pig, Rabbit, Sheep
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Apelin antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	A synthetic peptide corresponding to a sequence at the C-terminus of human Apelin(60-77aa RKFRRQRPRLSHKGPMPPF), identical to the related rat and mouse sequences.
Isotype:	IgG
Specificity:	Expressed in the brain with highest levels in the frontal cortex, thalamus, hypothalamus and midbrain. Secreted by the mammary gland into the colostrum and the milk.
Cross-Reactivity (Details):	No cross reactivity with other proteins.
Purification:	Immunogen affinity purified

Target Details

Target:	Apelin (APLN)
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Target Details

Alternative Name:	Apelin (APLN Products)
Background:	Name/Gene ID: APLN Synonyms: APLN, AGTRL1 ligand, Apelin, APEL, Preproapelin, APJ endogenous ligand, XNPEP2
Gene ID:	8862
Pathways:	Positive Regulation of Peptide Hormone Secretion , Hormone Activity , Feeding Behaviour

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

Handling

Format:	Liquid
Reconstitution:	Distilled water
Concentration:	Lot specific
Buffer:	Contains 5 mg BSA, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ , 0.05 mg Thimerosal, 0.05 mg sodium azide per 100 µg antibody.
Preservative:	Sodium azide, Thimerosal (Merthiolate)
Precaution of Use:	This product contains Sodium azide and Thimerosal (Merthiolate): POISONOUS AND HAZARDOUS SUBSTANCES which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	At -20°C for 1 year. After reconstitution, at 4°C for 1 month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid freeze-thaw cycles.