

Datasheet for ABIN1409732

anti-Neuropeptide antibody (AA 91-133) (HRP)[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	Neuropeptide
Binding Specificity:	AA 91-133
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Neuropeptide antibody is conjugated to HRP
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human QRFP
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Predicted Reactivity:	Rat,Cow,Sheep,Pig,Horse
Purification:	Purified by Protein A.

Target Details

Target:	Neuropeptide
Alternative Name:	QRFP (Neuropeptide Products)

Target Details

Background:	Synonyms: 26RFa, Neuropeptide RF-amide, OX26_HUMAN, pyroglutamylated RFamide peptide, P518, Pyroglutamylated arginine-phenylalanine-amide peptide, QRF-amide, Qrfp. Background: QRFP is a 136 amino acid secreted protein that is widely expressed in the brain with highest expression levels in the cerebellum, medulla, pituitary, retina, vestibular nucleus and white matter. Also expressed in the bladder, colon, coronary artery, parathyroid gland, prostate, testis and thyroid, QRFP is a member of the RFamide neuropeptide family. QRFP may be involved in aldosterone secretion by the adrenal gland and is also implicated in stimulating metabolic rate, locomotor activity and increasing blood pressure. Considered a ligand for the G-protein coupled receptor GPR103, QRFP may have orexigenic activity, thereby acting as an appetite stimulant. The gene encoding QFRP is located on human chromosome 9, which consists of about 145 million bases, comprises roughly 4 % of the human genome and encodes nearly 900 genes.
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Application Details

Application Notes:	WB 1:300-5000 IHC-P 1:200-400 IHC-F 1:100-500
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Handling Advice:	Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months