

QRFP Rabbit pAb

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Catalog # AP54536

Product Information

Application	WB
Primary Accession	P83859
Reactivity	Rat, Mouse
Predicted	Pig, Human, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	14941
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human QRFP
Epitope Specificity	91-133/136
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Secreted.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	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 QRFP 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.

Additional Information

Gene ID	347148
Other Names	Orexigenic neuropeptide QRFP, P518, QRF-amide, Neuropeptide RF-amide, Pyroglutamylated arginine-phenylalanine-amide peptide, QRFP {ECO:0000312 EMBL:BAC98934.1}
Dilution	WB=1:500-2000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody

is stable for at least two weeks at 2-4 °C.

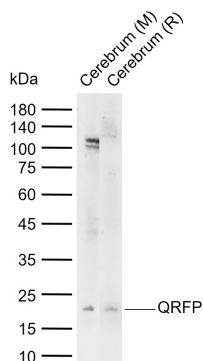
Protein Information

Name	QRFP {ECO:0000312 EMBL:BAC98934.1}
Function	Stimulates feeding behavior, metabolic rate and locomotor activity and increases blood pressure. May have orexigenic activity. May promote aldosterone secretion by the adrenal gland (By similarity).
Cellular Location	Secreted.
Tissue Location	Expressed widely 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.

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Images



Sample:

Lane 1: Mouse Cerebrum tissue lysates

Lane 2: Rat Cerebrum tissue lysates

Primary: Anti-QRFP (AP54536) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 5 kDa

Observed band size: 18 kDa

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.