



## Rabbit Anti-QRFP antibody

SL11534R

<b>Product Name:</b>	QRFP
<b>Chinese Name:</b>	神经内分泌肽QRFP抗体
<b>Alias:</b>	26RFa; Neuropeptide RF-amide; OX26_HUMAN; pyroglutamylated RFamide peptide; P518; Pyroglutamylated arginine-phenylalanine-amide peptide; QRF-amide; Qrfp.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Pig,Cow,Horse,Sheep,
<b>Applications:</b>	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	5kDa
<b>Cellular localization:</b>	Secretory protein
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human QRFP:91-133/136
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. 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.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	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.

**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.

**Subunit:**

Ligand for the G-protein coupled receptor QRFP/GPR103

**Subcellular Location:**

Secreted.

**Tissue Specificity:**

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.

**Similarity:**

Belongs to the RFamide neuropeptide family.

**SWISS:**

P83859

**Gene ID:**

347148

**Database links:**

[Entrez Gene: 347148](#)Human

[Omim: 609795](#)Human

[SwissProt: P83859](#)Human

[Unigene: 660704](#)Human

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.