UCN3 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	UCN3, Polyclonal Antibody
Full Product Name	UCN3 Conjugated Antibody
Product Gene Name	anti-UCN3 antibody
Product Synonym Names	SCP; SPC; UCNIII
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human
Form/Format	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Specificity	The antibody detects endogenous levels of total UCN3 protein.
Preparation and Storage	Store at 4 degree C for 6 months.
Molecular Weight	18 kDa
3D Structure	ModBase 3D Structure for Q969E3
Immunogen	Synthetic peptide corresponding to internal residues of human UCN3
Conjugation	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Excitation Emission	AF350: 346nm/442nm
Applications Tested/Suitable for anti-UCN3 antibody	Most Applications
Application Notes for anti-UCN3 antibody	Suggested Dilution: AF350 conjugated: most applications: 1:50-1:250 AF405 conjugated: most applications: 1:50-1:250 AF488 conjugated: most applications: 1:50-1:250 AF555 conjugated: most applications: 1:50-1:250 AF594 conjugated: most applications: 1:50-1:250 AF647 conjugated: most applications: 1:50-1:250 AF680 conjugated: most applications: 1:50-1:250 AF750 conjugated: most applications: 1:50-1:250 Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1:50-1:1000
Related Product Information for anti-UCN3 antibody	This gene encodes a member of the sauvagine/corticotropin-releasing factor/urotensin I family of proteins. The encoded preproprotein is proteolytically processed to generate the mature peptide hormone, which is secreted by pancreatic beta and alpha cells. This hormone is an endogenous ligand for corticotropin-releasing factor receptor 2 and may regulate insulin secretion in response to plasma glucose levels. Patients with type 2 diabetes exhibit reduced levels of the encoded protein in beta cells. In the brain, the encoded protein may be responsible for the effects of stress on appetite.
Other Notes	Small volumes of anti-UCN3 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for UCN3 purchase	MBS9454618 is an antibody targeting UCN3. Also known as UCN3 Conjugated Antibody. Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for UCN3. It may not necessarily be applicable to this product.

NCBI GI #	45238845
NCBI GeneID	114131
NCBI Accession #	NP_444277
UniProt Primary Accession #	Q969E3
UniProt Secondary Accession #	Q496H2; Q5SR91
UniProt Related Accession #	Q969E3
GenBank Nucleotide #	NM_053049.3
NCBI Official Full Name	urocortin-3 preproprotein
NCBI Official Synonym Full Names	urocortin 3
NCBI Official Symbol	UCN3
NCBI Official Synonym Symbols	SCP; SPC; UCNIII
UniProt Protein Name	Urocortin-3
UniProt Synonym Protein Names	Stresscopin; Urocortin III; Ucn III
Protein Family	Urocortin
UniProt Gene Name	UCN3
UniProt Synonym Gene Names	SPC; Ucn III
NCBI Protein Information	urocortin-3
UniProt Comments for UCN3	Suppresses food intake, delays gastric emptying and decreases heat-induced edema. Might represent an endogenous ligand for maintaining homeostasis after stress.
Research Articles on UCN3	**1.** examination of the local and systemic cardiovascular effects of urocortin 2 and urocortin 3 in healthy subjects and patients with heart failure
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