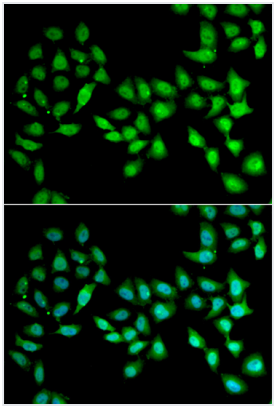
UCN2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	UCN2, Polyclonal Antibody
Full Product Name	UCN2 antibody
Product Gene Name	anti-UCN2 antibody
Product Synonym Names	UR; SRP; URP; UCNI; UCN-II
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purity/Purification	Antibodies were purified by affinity purification using immunogen.
Concentration	1.0 mg/ml (lot specific)
Specificity	The antibody detects endogenous level of total UCN2 antibody.
Preparation and Storage	Store at -20 degree C
Molecular Weight	12,146 Da
OMIM	605902
3D Structure	ModBase 3D Structure for Q96RP3
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human UCN2.
Target Name	UCN2
Product Categories/Family for anti-UCN2 antibody	Total protein Ab
Applications Tested/Suitable for anti-UCN2 antibody	Western Blot (WB), Immunofluorescence (IF)
Application Notes for anti-UCN2 antibody	Western blotting: 1:500 - 1:2000 Immunofluorescence: 1:50 - 1:100
Related Product Information for anti-UCN2 antibody	This gene is a member of the sauvagine/corticotropin-releasing factor/urotensin I family. It is structurally related to the corticotropin-releasing factor (CRF) gene and the encoded product is an endogenous ligand for CRF type 2 receptors. In the brain it may be responsible for the effects of stress on appetite. In spite of the gene family name similarity, the product of this gene has no sequence similarity to urotensin II.
Other Notes	Small volumes of anti-UCN2 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 UCN2 purchase	MBS9410019 is an antibody targeting UCN2. Also known as UCN2 antibody. Reactive in Human. Host: Rabbit.



Immunofluorescence (IF) of anti-UCN2 antibody
Immunofluorescence analysis of U2OS cell using UCN2 antibody. Blue: DAPI for nuclear staining.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for UCN2. It may not necessarily be applicable to this product.

NCBI GI #	15082240
NCBI GeneID	90226
NCBI Accession #	NP_149976.1
UniProt Primary Accession #	Q96RP3
UniProt Secondary Accession #	Q9BUG0
UniProt Related Accession #	Q96RP3
GenBank Nucleotide #	NM_033199.3
NCBI Official Full Name	urocortin-2 preproprotein
NCBI Official Synonym Full Names	urocortin 2
NCBI Official Symbol	UCN2
NCBI Official Synonym Symbols	UR; SRP; URP; UCNI; UCN-II
UniProt Protein Name	Urocortin-2
UniProt Synonym Protein Names	Stresscopin-related peptide; Urocortin II; Ucn II; Urocortin-related peptide
Protein Family	Urocortin
UniProt Gene Name	UCN2
UniProt Synonym Gene Names	SRP; URP; Ucn II
UniProt Entry Name	UCN2_HUMAN
NCBI Protein Information	urocortin-2

UniProt Comments for UCN2	UCN2: Suppresses food intake, delays gastric emptying and decreases heat-induced edema. Might represent an endogenous ligand for maintaining homeostasis after stress. Belongs to the sauvagine/corticotropin-releasing factor/urotensin I family. Protein type: Secreted; Secreted, signal peptide Chromosomal Location of Human Ortholog: 3p21.3 Cellular Component: extracellular space; extracellular region Molecular Function: hormone binding; G-protein-coupled receptor binding; hormone activity; corticotropin-releasing hormone receptor 2 binding; receptor binding Biological Process: negative regulation of luteinizing hormone secretion; cell proliferation; cellular response to nutrient levels; digestion; response to stress; cAMP biosynthetic process; G-protein signaling, adenylate cyclase activating pathway; negative regulation of follicle-stimulating hormone secretion
Research Articles on UCN2	**1.** up-regulated in placenta, fetal membranes, and myometrium in labor
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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