

Anti-Urocortin 3 antibody ab77433

1 Image

Overview

Product name	Anti-Urocortin 3 antibody
Description	Goat polyclonal to Urocortin 3
Host species	Goat
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Human
Immunogen	Synthetic peptide with sequence KPRQDTAKSPHRTK , from the internal region of the human protein Urocortin 3 (NP_444277.2) Run BLAST with Run BLAST with

General notes

The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.

If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Storage buffer	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: 0.5% BSA, Tris buffered saline
Purity	Immunogen affinity purified
Purification notes	ab77433 is purified by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab77433 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 1 - 2 µg/ml. Detects a band of approximately 19 kDa (predicted molecular weight: 18 kDa). A 1 hour primary incubation is recommended for this product.

Target

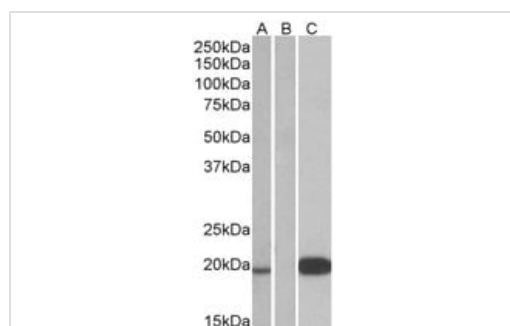
Relevance

Urocortin 3 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. A powerful cytoprotective effect of urocortin peptide administration against ischemia and reperfusion injury has been demonstrated in isolated cardiomyocyte models, as well as in the intact heart both in vitro and in vivo.

Cellular localization

Secreted

Images



Western blot - Anti-Urocortin 3 antibody (ab77433)

Lanes 1-2 : Anti-Urocortin 3 antibody (ab77433) at 1 µg/ml

Lane 3 : Anti DYKDDDDK-Tag antibody at 1/3000 dilution

Lane 1 : HEK293 cell lysate overexpressing Urocortin 3 with DYKDDDDK tag at 10 µg

Lane 2 : Mock-transfected HEK293 cell

Lane 3 : HEK293 cell lysate overexpressing Urocortin 3 with DYKDDDDK tag at 35 µg

Developed using the ECL technique.

Predicted band size: 18 kDa

Observed band size: 19 kDa

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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