

For Research Use Only

CoraLite® Plus 488-conjugated NUCB2/nesfatin-1 Recombinant antibody

Catalog Number: CL488-83917-5



Basic Information

Catalog Number: CL488-83917-5	GenBank Accession Number: NM_005013	Purification Method: Protein A purification
Size: 1000 µg/ml	GeneID (NCBI): 4925	CloneNo.: 241037C1
Source: Rabbit	UNIPROT ID: P80303	Recommended Dilutions: IF/ICC 1:50-1:500
Isotype: IgG	Full Name: nucleobindin 2	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG25152	Calculated MW: 50 kDa	

Applications

Tested Applications: IF/ICC	Positive Controls: IF/ICC : HepG2 cells,
Species Specificity: human	

Background Information

NucB2, an anorexigenic molecule, is expressed mainly in the hypothalamus, particularly in the supraoptic nucleus (SON) and the paraventricular nucleus (PVN). NucB2 is also expressed in the subfornical organ (SFO). Because the SON and PVN are involved in body fluid regulation, NucB2 may be involved in dehydration-induced anorexia. NUCB2 is composed of a signal peptide of 24 amino acids in the N-terminal region and a protein structure containing 396 amino acids. Nesfatin-1 is an 82-amino-acid peptide hormone cleaved from nucleobindin2 (NUCB2).

Storage

Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

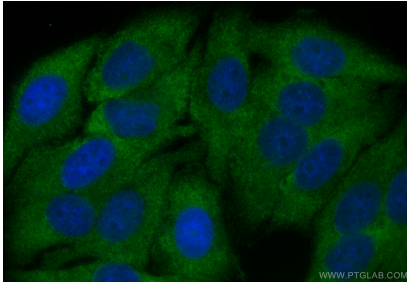
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol)
fixed HepG2 cells using CoraLite® Plus 488
NUCB2/nesfatin-1 antibody (CL488-83917-5, Clone:
241037C1) at dilution of 1:200.