

Product datasheet for **TA364344**

Nucleobindin 2 (NUCB2) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA
Recommended Dilution:	This antibody has been tested and validated in ELISA against Nesfatin-1 (24-38). Other applications like immunohistochemistry (IHC), FACS or Western Blot may work as well. Optimal dilutions should be determined by the end user.
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Formulation:	Neat undiluted antiserum, lyophilized, packaged under nitrogen. Reconstitute by adding 50µl distilled water. This will give the equivalent of undiluted antiserum.
Concentration:	N/A
Conjugation:	Unconjugated
Storage:	Original vial: at least one year at 4° - 8°C from date of delivery. Minimize repeated thawing and freezing of the antiserum by freezing aliquots at -20°C or below.
Gene Name:	nucleobindin 2
Database Link:	Entrez Gene 4925 Human P80303
Background:	Nesfatin-1 is a metabolic polypeptide encoded in the N-terminal region of the precursor protein, Nucleobindin-2 (NUCB2). Recombinant human Nesfatin-1 is a 9.7 kDa protein containing 82 amino acid residues. It participates in the regulation of hunger and fat storage. Increased nesfatin-1 in the hypothalamus contributes to diminished hunger and a potential loss of body fat and weight. Nesfatin-1 is originally identified as a hypothalamic neuropeptide, but it is also expressed in other areas of the brain, and in pancreatic islets β -cells, gastric endocrine cells and adipocytes. This antibody was generated by immunization of rabbits with Nesfatin-1 (24-38) coupled to a carrier protein.
Synonyms:	NEFA



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