

DCNP1 Antibody (Center) Blocking peptide
Synthetic peptide
Catalog # BP12963c**Specification**

DCNP1 Antibody (Center) Blocking peptide - Product InformationPrimary Accession [Q8TF63](#)**DCNP1 Antibody (Center) Blocking peptide - Additional Information****Gene ID** 140947**Other Names**

Dendritic cell nuclear protein 1, Dendritic cell nuclear protein-1, Dendritic cell-associated nuclear protein, DCANP1 (http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=24459)
HGNC:24459

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

DCNP1 Antibody (Center) Blocking peptide - Protein Information**Name** DCANP1 ([HGNC:24459](#))**Function**

Binds with and transactivates the corticotropin-releasing hormone (CRH) promoter.

Cellular Location

Nucleus. Cytoplasm Note=Particularly on the periphery. Colocalizes with corticotropin-releasing hormone (CRH) in parvocellular neurons in the paraventricular nucleus.

Tissue Location

Expressed in neurons of the paraventricular nucleus, thalamus and occipital cortex and in glial cells (at protein level). Predominantly expressed in dendritic cells. Detected in brain and skeletal muscle. Highly expressed in mature dendritic cells and at a lower level in immature dendritic cells. Expressed in paraventricular nucleus, supraoptic nucleus and nucleus basalis of Meynert. Strongly expressed in paraventricular nucleus of depressed patients compared to controls. Not expressed in monocytes and B-cells

DCNP1 Antibody (Center) Blocking peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

DCNP1 Antibody (Center) Blocking peptide - Images**DCNP1 Antibody (Center) Blocking peptide - Background**

This intronless gene is specifically expressed in dendritic cells (DCs), which are potent antigen-presenting cells involved in activating naive T cells to initiate antigen-specific immune response. The encoded protein is localized mainly in the perinucleus. One of the alleles (A/T) of this gene, that causes premature translation termination at aa 117, has been associated with an increased prevalence of major depression in humans.

DCNP1 Antibody (Center) Blocking peptide - References

Zhou, T., et al. Brain 133(10):3069-3079(2010) Bosker, F.J., et al. Mol. Psychiatry (2010) In press
Kim, Y., et al. Genes Immun. 8(5):369-378(2007) Lamesch, P., et al. Genomics
89(3):307-315(2007) Willis-Owen, S.A., et al. Mol. Psychiatry 11(2):121-122(2006)