

Anti-DCNP1 DCANP1 Antibody

Catalog Number: A08607

About C5ORF20

The DCNP1 (dendritic cell nuclear protein 1) gene is specifically expressed in dendritic cells, potent antigen-presenting cells involved in activating naive T cells to initiate antigen-specific immune response (1). It is localized mainly in the perinucleus. One of the alleles (A/T) of this gene causes premature translation termination at aa 117 and has been associated with an increased prevalence of major depression in humans (2,3). DCNP1 may play a role in the pathogenesis of depressive disorders by enhancing corticotropin-releasing hormone expression in the hypothalamic paraventricular nucleus (4).

Overview

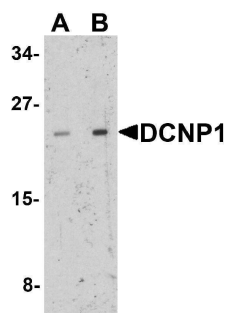
Product Name	Anti-DCNP1 DCANP1 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-DCNP1 DCANP1 Antibody (Catalog # A08607). Tested in ELISA, WB, IHC-P, IF applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IF, IHC-P, WB
Clonality	Polyclonal
Formulation	DCNP1 Antibody is supplied in PBS containing 0.02% sodium azide.
Storage Instructions	DCNP1 antibody can be stored at 4°C for three months and -20°C, stable for up to one year.
Host	Rabbit
Uniprot ID	Q8TF63

Technical Details

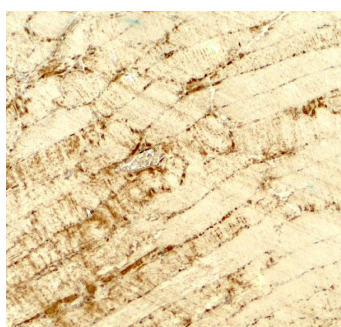
Immunogen	DCNP1 antibody was raised against an 18 amino acid peptide near the amino terminus of human DCNP1. The immunogen is located within the first 50 amino acids of DCNP1.
Predicted Reactive Species	Bovine, Chicken, Pig
Cross Reactivity	DCNP1 antibody is human, mouse and rat reactive.
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	DCNP1 antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	DCNP1 antibody can be used for detection of DCNP1 by Western blot at 1 - 2 ug/ml. Antibody can

also be used for immunohistochemistry starting at 5 ug/mL. For immunofluorescence start at 20 ug/mL.
Antibody validated: Western Blot in mouse samples; Immunohistochemistry in mouse samples and Immunofluorescence in mouse samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

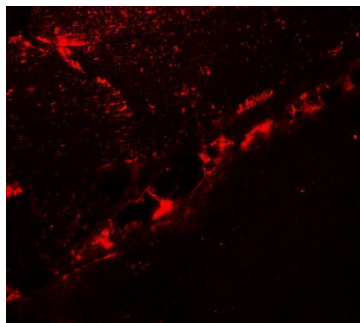
Anti-DCNP1 DCANP1 Antibody (A08607) Images



Western blot analysis of DCNP1 in mouse skeletal muscle tissue lysate with DCNP1 antibody at (A) 1 and (B) 2 ug/ml.



Immunohistochemistry of DCNP1 in mouse skeletal muscle tissue with DCNP1 antibody at 5 ug/ml.



Immunofluorescence of DCNP1 in mouse skeletal muscle tissue with DCNP1 antibody at 20 ug/ml.

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Anti-DCNP1 DCANP1 Antibody

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