

## Product datasheet for **TA349044**

### C5orf20 (DCANP1) Rabbit Polyclonal Antibody

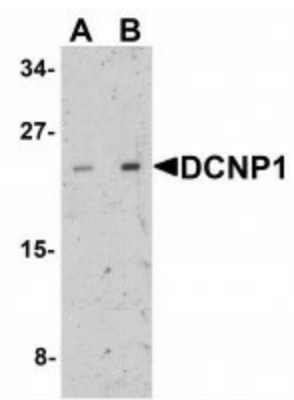
#### Product data:

Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	WB: 1 - 2 ug/mL, IHC: 5 ug/mL, IF: 20 ug/mL
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	DCNP1 antibody was raised against an 18 amino acid peptide near the amino terminus of human DCNP1.
Formulation:	PBS containing 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	DCNP1 antibody is affinity chromatography purified via peptide column.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	Predicted: 27 kDa; Observed: 24 kDa
Gene Name:	dendritic cell-associated nuclear protein
Database Link:	<a href="#">NP_570900</a> <a href="#">Entrez Gene 140947 Human</a> <a href="#">Q8TF63</a>
Background:	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).
Synonyms:	bA350J20.7; LETAL; N2DL-4; NKG2DL4; RAET1E2; RL-4; ULBP4

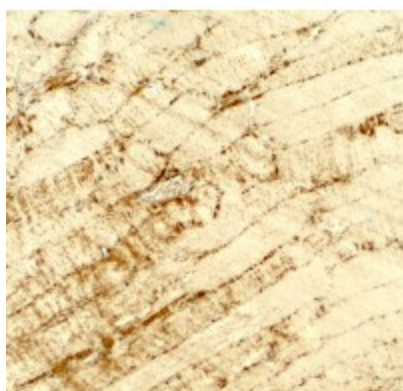


[View online »](#)

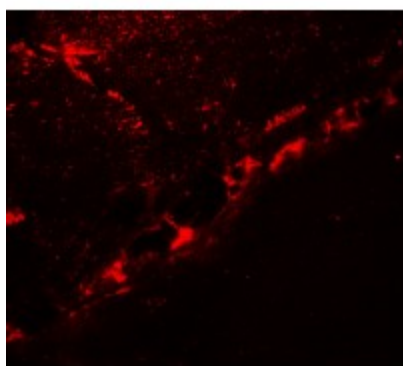
## Product images:



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.