

**C5orf20 Polyclonal Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP55865****Specification**

---

**C5orf20 Polyclonal Antibody - Product Information**

Application	WB, IHC-P, IHC-F, IF, ICC, E
Primary Accession	<a href="#">Q8TF63</a>
Host	Rabbit
Clonality	Polyclonal
Calculated MW	27 KDa
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human C5orf20
Epitope Specificity	131-244/244
Isotype	IgG
<b>Purity</b>	
affinity purified by Protein A	
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Nucleus. Note=Particularly on the periphery.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

**Background Descriptions**

C5orf20 is a 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

**C5orf20 Polyclonal Antibody - Additional Information****Gene ID** 140947**Other Names**

Dendritic cell nuclear protein 1, Dendritic cell nuclear protein-1, Dendritic cell-associated nuclear protein, DCANP1 (<a href="http://www.genenames.org/cgi-bin/gene\_symbol\_report?hgnc\_id=24459" target="\_blank">HGNC:24459</a>)

**Target/Specificity**

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. Not expressed in monocytes and B-cells.

**Dilution**

<span class = "dilution\_WB">WB~~1:1000</span><br \><span class = "dilution\_IHC-P">IHC-P~~N/A</span><br \><span class = "dilution\_IHC-F">IHC-F~~N/A</span><br \><span class = "dilution\_IF">IF~~1:50~200</span><br \><span class = "dilution\_ICC">ICC~~N/A</span><br \><span class = "dilution\_E">E~~N/A</span>

**Format**

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

**Storage**

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

**C5orf20 Polyclonal Antibody - 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.

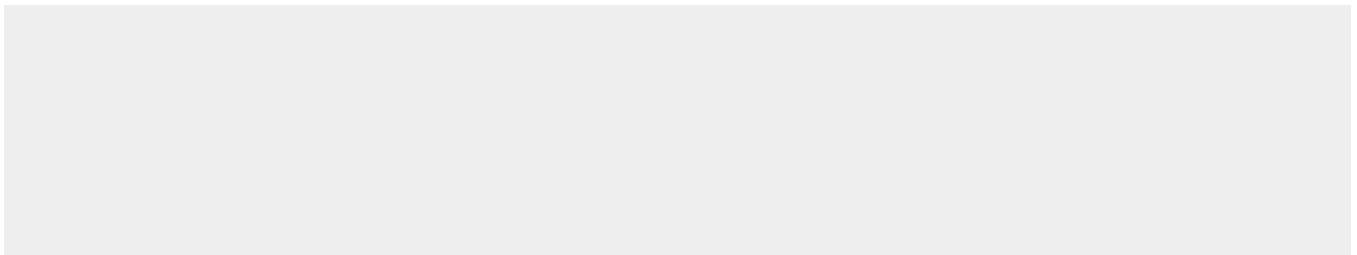
**Tissue Location**

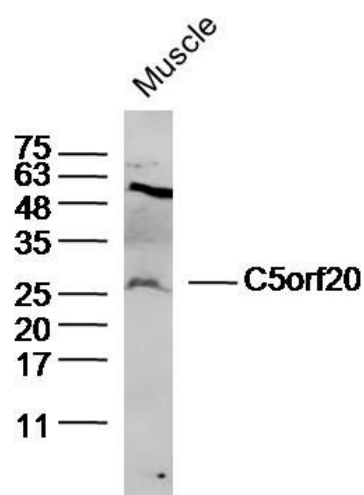
Expressed in neurons of the paraventricular nucleus, thalamus and occipital cortex and in glial cells (at protein level). Predominantly expressed in dendritic cells. Detected in brain and skeletal muscle. Highly expressed in mature dendritic cells and at a lower level in immature dendritic cells. Expressed 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

**C5orf20 Polyclonal Antibody - Protocols**

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**C5orf20 Polyclonal Antibody - Images**



Sample: Muscle (Mouse) Lysate at 40 ug  
Primary: Anti-C5orf20(bs-15199R) at 1/300 dilution  
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution  
Predicted band size: 27kD  
Observed band size: 27kD