

**DNAJC30 Antibody (C-term)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP18088b**

**Specification**

**DNAJC30 Antibody (C-term) - Product Information**

|                   |                             |
|-------------------|-----------------------------|
| Application       | WB,E                        |
| Primary Accession | <a href="#">Q96LL9</a>      |
| Other Accession   | <a href="#">NP_115693.2</a> |
| Reactivity        | Human                       |
| Host              | Rabbit                      |
| Clonality         | Polyclonal                  |
| Isotype           | Rabbit Ig                   |
| Calculated MW     | 25961                       |
| Antigen Region    | 176-202                     |

**DNAJC30 Antibody (C-term) - Additional Information**

**Gene ID** 84277

**Other Names**

DnaJ homolog subfamily C member 30, Williams-Beuren syndrome chromosomal region 18 protein, DNAJC30, WBSCR18

**Target/Specificity**

This DNAJC30 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 176-202 amino acids from the C-terminal region of human DNAJC30.

**Dilution**

WB~~1:1000

**Format**

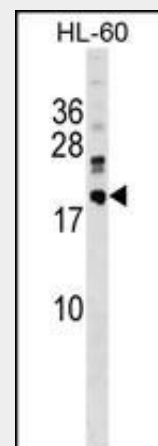
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

DNAJC30 Antibody (C-term) is for research



DNAJC30 Antibody (C-term) (Cat. #AP18088b) western blot analysis in HL-60 cell line lysates (35ug/lane). This demonstrates the DNAJC30 antibody detected the DNAJC30 protein (arrow).

**DNAJC30 Antibody (C-term) - Background**

This intronless gene encodes a member of the DNAJ molecular chaperone homology domain-containing protein family. This gene is deleted in Williams syndrome, a multisystem developmental disorder caused by the deletion of contiguous genes at 7q11.23.

**DNAJC30 Antibody (C-term) - References**

- Lamesch, P., et al. Genomics 89(3):307-315(2007)
- Lehner, B., et al. Genome Res. 14(7):1315-1323(2004)
- Merla, G., et al. Hum. Genet. 110(5):429-438(2002)

use only and not for use in diagnostic or therapeutic procedures.

#### **DNAJC30 Antibody (C-term) - Protein Information**

##### **Name** DNAJC30

{ECO:0000303|PubMed:30318146,  
ECO:0000312|HGNC:HGNC:16410}

##### **Function**

Mitochondrial protein enriched in neurons that acts as a regulator of mitochondrial respiration (By similarity). Associates with the ATP synthase complex and facilitates ATP synthesis (By similarity).

##### **Cellular Location**

Mitochondrion inner membrane; Single-pass membrane protein

##### **Tissue Location**

Expressed in brain, heart, kidney, liver, lung, spleen, stomach and testis (PubMed:12073013). Highly expressed in the brain (PubMed:30318146). In the neocortex, expressed in most, if not all, glutamatergic excitatory projection neurons (pyramidal) and many interneurons, with the strongest signal noticeably in large pyramidal neurons of layer 3C. Also present in pyramidal neurons of layer 3C PN of the superior temporal cortex, as well as in pyramidal neurons (Betz cells) of the layer 5B primary motor cortex (at protein level) (PubMed:30318146).

#### **DNAJC30 Antibody (C-term) - 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](#)