

**DONSON Antibody (Center)**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP5661C****Specification**

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**DONSON Antibody (Center) - Product Information**

Application	WB, FC,E
Primary Accession	<a href="#">O9NYP3</a>
Other Accession	<a href="#">O9QXP4</a> , <a href="#">NP_060083</a>
Reactivity	Human
Predicted	Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	62747
Antigen Region	368-398

**DONSON Antibody (Center) - Additional Information****Gene ID** 29980**Other Names**

Protein downstream neighbor of Son, B17, DONSON, C21orf60

**Target/Specificity**

This DONSON antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 368-398 amino acids from the Central region of human DONSON.

**Dilution**

WB~~1:1000

FC~~1:10~50

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

**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**

DONSON Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

**DONSON Antibody (Center) - Protein Information****Name** DONSON

**Synonyms** C21orf60

**Function** Replisome component that maintains genome stability by protecting stalled or damaged replication forks. After the induction of replication stress, required for the stabilization of stalled replication forks, the efficient activation of the intra-S-phase and G2/M cell-cycle checkpoints and the maintenance of genome stability.

**Cellular Location**

Nucleus. Note=Localizes at DNA replication sites.

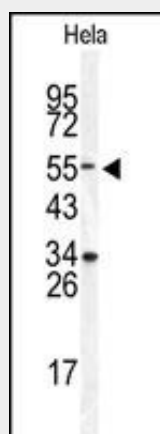
**Tissue Location**

Expressed in the brain, with higher levels in prenatal compared to adult brain.

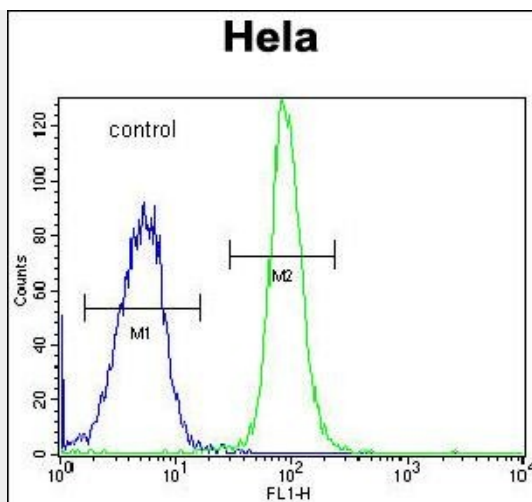
**DONSON Antibody (Center) - Protocols**

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](#)

**DONSON Antibody (Center) - Images**

Western blot analysis of DONSON Antibody (Center) (Cat. #AP5661c) in HeLa cell line lysates (35ug/lane). DONSON (arrow) was detected using the purified Pab.



DONSON Antibody (Center) (Cat. #AP5661c) flow cytometric analysis of Hela cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

#### **DONSON Antibody (Center) - Background**

DONSON lies downstream of the SON gene and spans 10 kb on chromosome 21. The function of this gene is unknown. [provided by RefSeq].

#### **DONSON Antibody (Center) - References**

Hillman, R.T., et al. Genome Biol. 5 (2), R8 (2004) :  
Gardiner, K., et al. Genomics 79(6):833-843(2002)  
Wynn, S.L., et al. Genomics 68(1):57-62(2000)  
Slavov, D., et al. Gene 247 (1-2), 215-232 (2000) :