

### C15orf2 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP8982c

## **Specification**

## C15orf2 Antibody (Center) - Product Information

Application WB, IHC-P, FC,E

Primary Accession
Reactivity
Host
Clonality
Rotype
Antigen Region
Reactivity
Human
Rabbit
Polyclonal
Rabbit IgG
Attack
Rabbit IgG

## C15orf2 Antibody (Center) - Additional Information

**Gene ID 23742** 

#### **Other Names**

Nuclear pore-associated protein 1, NPAP1, C15orf2

### Target/Specificity

This C15orf2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 348-377 amino acids from the Central region of human C15orf2.

### **Dilution**

WB~~1:1000 IHC-P~~1:50~100 FC~~1:10~50

### **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**

C15orf2 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

## C15orf2 Antibody (Center) - Protein Information

Name NPAP1

Synonyms C15orf2







Function May be involved in spermatogenesis.

#### **Cellular Location**

Nucleus, nucleoplasm. Nucleus inner membrane. Note=Colocalizes with the NPC and nuclear lamins at the nuclear periphery

#### **Tissue Location**

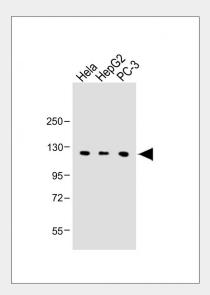
Testis-specific in adults. In fetal brain expressed only from the paternal allele.

## C15orf2 Antibody (Center) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

### C15orf2 Antibody (Center) - Images

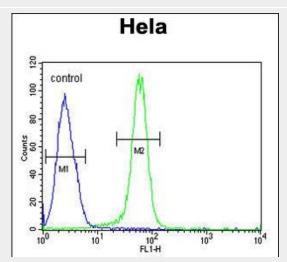


All lanes: Anti-C15orf2 Antibody (Center) at 1:1000 dilution Lane 1: Hela whole cell lysate Lane 2: HepG2 whole cell lysate Lane 3: PC-3 whole cell lysate Lysates/proteins at 20 μg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size: 121 kDa Blocking/Dilution buffer: 5% NFDM/TBST.





Formalin-fixed and paraffin-embedded human testis tissue reacted with C15orf2 Antibody (Center), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



C15orf2 Antibody (Center) (Cat. #AP8982c) 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.

# C15orf2 Antibody (Center) - Background

C15orf2 may be involved in spermatogenesis.

## C15orf2 Antibody (Center) - References

Farber, C., et.al., Genomics 65 (2), 174-183 (2000)

C15orf2 Antibody (Center) - Citations

• The imprinted NPAP1/C15orf2 gene in the Prader-Willi syndrome region encodes a nuclear pore complex associated protein.