

# CNTD Rabbit pAb

CNTD Rabbit pAb Catalog # AP59368

## **Product Information**

ApplicationWBPrimary AccessionQ8N815ReactivityRat, Pig, Horse

HostRabbitClonalityPolyclonalCalculated MW36921Physical StateLiquid

Immunogen KLH conjugated synthetic peptide derived from human CNTD

**Epitope Specificity** 1-100/330 **Isotype** IgG

**Purity** affinity purified by Protein A

**Buffer** 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

**SIMILARITY** Contains 1 cyclin N-terminal domain.

**Important Note** This product as supplied is intended for research use only, not for use in

human, therapeutic or diagnostic applications.

**Background Descriptions** No data available.

#### **Additional Information**

**Gene ID** 124817

Other Names Cyclin N-terminal domain-containing protein 1, CNTD1 (<u>HGNC:26847</u>), CNTD

**Dilution** WB=1:500-2000

**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.

#### **Protein Information**

Name CNTD1 ( HGNC:26847)

**Synonyms** CNTD

**Function** Plays a role in the different steps of crossover formation during meiotic

recombination. Participates in the crossover differentiation step of

crossover-specific recombination intermediates through its interaction with PRR19. In addition, stimulates crossover formation through the interactions

with RFC3 and RFC4 and simultaneously regulates cell-cycle progression through interactions with CDC34 and subsequent ubiquitination of WEE1. May also participates in an active deselection process that destabilizes or removes excess pre-CO intermediates.

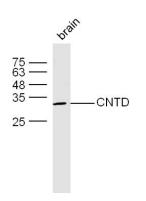
#### **Cellular Location**

Nucleus {ECO:0000250 | UniProtKB:Q9D995}. Cytoplasm {ECO:0000250 | UniProtKB:Q9D995}. Chromosome {ECO:0000250 | UniProtKB:Q9D995}. Note=Shuttles between the nucleus and cytoplasm in a stage-specific manner of prophase I cells. Co-localized at crossover sites with PRR19. {ECO:0000250 | UniProtKB:Q9D995}

## **Background**

No data available.

### **Images**



Sample: Brain (Mouse) Lysate at 40 ug Primary: Anti-CNTD (AP59368) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000

dilution

Predicted band size: 37 kD Observed band size: 34 kD

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.