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C7orf47 Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP5193a

Specification

C7orf47 Antibody (N-term) - Product Information

Application	**WB, IHC-P,E**
Primary Accession	Q8TAP8
Reactivity	**Human, Mouse**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Antigen Region	**41-69**

C7orf47 Antibody (N-term) - Additional Information

Gene ID 221908

Other Names
Protein phosphatase 1 regulatory subunit 35, PPP1R35, C7orf47

Target/Specificity
This C7orf47 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 41-69 amino acids from the N-terminal region of human C7orf47.

Dilution
WB~~1:1000
IHC-P~~1:50~100

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
C7orf47 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

C7orf47 Antibody (N-term) - Protein Information

Name PPP1R35 (HGNC:28320)

Function During centriole duplication, plays a role in the centriole elongation by promoting the recruitment of the microtubule-binding elongation machinery through its interaction with RTTN, leading to the centriole to centrosome conversion (PubMed:30168418, PubMed:30230954). In

addition, may play a role in the primary cilia assembly (By similarity).

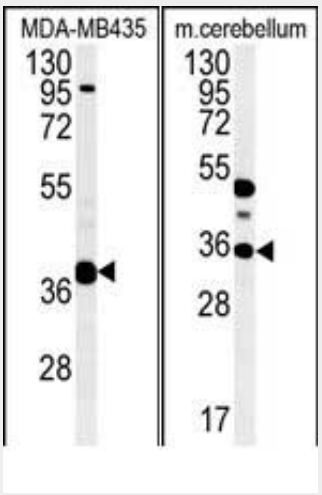
Cellular Location
Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome, centriole Note=Recruited to the nascent daughter centriole early in the duplication cycle and localizes to the proximal centriolar lumen just above the cartwheel (PubMed:30168418, PubMed:30230954). Co-localizes with RTTN at the centriole (PubMed:30168418)

C7orf47 Antibody (N-term) - Protocols

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

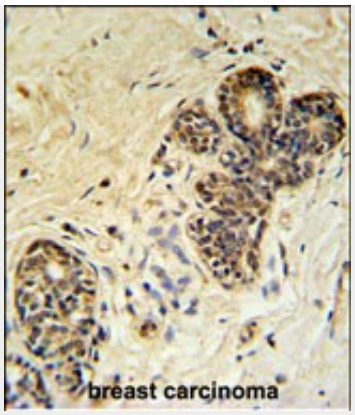
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

C7orf47 Antibody (N-term) - Images



(LEFT)Western blot analysis of C7orf47 Antibody (N-term) (Cat. #AP5193a) in MDA-MB435 cell line lysates (35ug/lane).C7orf47 (arrow) was detected using the purified Pab. (RIGHT)Western blot analysis of C7orf47 Antibody (N-term) (Cat. #AP5193a) in mouse cerebellum tissue lysates (35ug/lane).C7orf47 (arrow) was detected using the purified Pab.

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C7orf47 Antibody (N-term) (Cat. #AP5193a) IHC analysis in formalin fixed and paraffin embedded human breast carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the C7orf47 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.

C7orf47 Antibody (N-term) - Background

The function of this protein has not been specifically defined.

C7orf47 Antibody (N-term) - References

Scherer, S.W., et al. Science 300(5620):767-772(2003)