10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

RNF165 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP17710A

Specification

RNF165 Antibody (N-term) - Product Information

Application	**WB,E**
Primary Accession	Q6ZSG1
Other Accession	E9QAU8, NP_689683.2
Reactivity	**Human**
Predicted	**Mouse**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**39526**
Antigen Region	**3-31**

RNF165 Antibody (N-term) - Additional Information

Gene ID 494470

Other Names
RING finger protein 165, RNF165

Target/Specificity
This RNF165 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 3-31 amino acids from the N-terminal region of human RNF165.

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
RNF165 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

RNF165 Antibody (N-term) - Protein Information

Name ARK2C (HGNC:31696)

Synonyms RNF165

Function E3 ubiquitin-protein ligase that acts as a regulator of motor axon elongation. Required for efficient motor axon extension in the dorsal forelimb by enhancing the transcriptional responses of the SMAD1/SMAD5/SMAD8 effectors, which are activated downstream of BMP. Acts by mediating ubiquitination and degradation of SMAD inhibitors such as SMAD6, SMAD7, SKI and SNON isoform of SKIL.

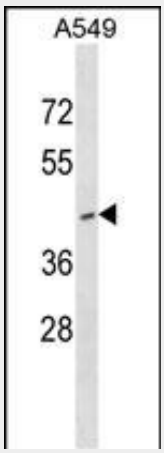
Cellular Location
Nucleus {ECO:0000250|UniProtKB:E9QAU8}.

RNF165 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

RNF165 Antibody (N-term) - Images



RNF165 Antibody (N-term) (Cat. #AP17710a) western blot analysis in A549 cell line lysates (35ug/lane).This demonstrates the RNF165 antibody detected the RNF165 protein (arrow).

RNF165 Antibody (N-term) - Background

Encoded in regions involved in pericentric inversions in patients with bipolar affective disorder.

RNF165 Antibody (N-term) - References

Rose, J. Phd, et al. Mol. Med. (2010) In press :
Pickard, B.S., et al. Psychiatr. Genet. 15(1):37-44(2005)