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

RNF165 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP59199

Specification

RNF165 Polyclonal Antibody - Product Information

Application	**IHC-P, IHC-F, IF, E**
Primary Accession	Q6ZSG1
Reactivity	**Rat, Pig, Dog, Bovine**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**40 KDa**
Physical State	**Liquid**
Immunogen	**KLH conjugated synthetic peptide derived from human RNF165**
Epitope Specificity	**251-346/346**
Isotype	**IgG**
Purity affinity purified by Protein A	
Buffer	**0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.**
Important Note	**This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.**

RNF165 Polyclonal Antibody - Additional Information

Gene ID 494470

Other Names
E3 ubiquitin-protein ligase RNF165, 2.3.2.27, RING finger protein 165 {ECO:0000312|HGNC:HGNC:31696}, RNF165 (HGNC:31696)

Dilution
IHC-P~~N/A<br \>IHC-F~~N/A<br \>IF~~1:50~200<br \>E~~N/A

Storage
Store at -20 ℃ 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 ℃.

RNF165 Polyclonal Antibody - 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 Polyclonal Antibody - 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 Polyclonal Antibody - Images