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

KNCN Rabbit pAb

KNCN Rabbit pAb
Catalog # AP56407

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	A6PVL3
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	12832
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human KNCN
Epitope Specificity	1-100/124
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Membrane.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	Kinocilin is a 124 amino acid multi-pass membrane protein that may play a role in the stabilization of dense microtubular networks, and may also participate in vesicular trafficking. Existing as two alternatively spliced isoforms, the gene encoding Kinocilin maps to human chromosome 1p33 and mouse chromosome 4 D1. Chromosome 1 spans 260 million base pairs, contains over 3,000 genes and comprises nearly 8% of the human genome. A large number of disease-associated genes are present on chromosome 1, including those that are involved in familial adenomatous polyposis, Stickler syndrome, Parkinson's disease, Gaucher disease, schizophrenia and Usher syndrome. Aberrations in chromosome 1 are found in a variety of cancers, including head and neck cancer, malignant melanoma and multiple myeloma.

Additional Information

Gene ID	148930
Other Names	Kinocilin, KNCN
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:5000-10000
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	KNCN
Function	May play a role in stabilizing dense microtubular networks or in vesicular trafficking.
Cellular Location	Membrane; Multi-pass membrane protein

Background

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.