

NIPAL3 Rabbit pAb

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Catalog # AP54371

Product Information

Application	WB
Primary Accession	Q6P499
Reactivity	Human
Predicted	Rat, Pig, Mouse, Rabbit, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	44742
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human NIPAL3
Epitope Specificity	1-100/406
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; Multi-pass membrane protein.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	NIPAL3 is a 406 amino acid multi-pass membrane protein that belongs to the NIPA family and exists as three alternatively spliced isoforms. The gene that encodes NPAL3 consists of approximately 57,229 bases and maps to human chromosome 1p36. Chromosome 1 is the largest human chromosome spanning about 260 million base pairs and making up 8% of the human genome. There are about 3,000 genes on chromosome 1, and considering the great number of genes there are also a large number of diseases associated with chromosome 1. Notably, the rare aging disease Hutchinson-Gilford progeria is associated with the LMNA gene which encodes lamin A. When defective, the LMNA gene product can build up in the nucleus and cause characteristic nuclear blebs. The MUTYH gene is located on chromosome 1 and is partially responsible for familial adenomatous polyposis. Stickler syndrome, Parkinsons, Gaucher disease and Usher syndrome are also associated with chromosome 1.

Additional Information

Gene ID	57185
Other Names	NIPA-like protein 3, NIPAL3, NPAL3
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.

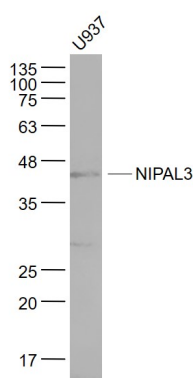
Protein Information

Name	NIPAL3
Synonyms	NPAL3
Cellular Location	Membrane; Multi-pass membrane protein

Background

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Images



Sample:
U937(Human) Cell Lysate at 30 ug
Primary: Anti- NIPAL3 (AP54371) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 45 kD
Observed band size: 45 kD

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