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Rabbit Anti-NIPAL3 antibody

SL11097R

Product Name:	NIPAL3
Chinese Name:	NIPA样蛋白3抗体
Alias:	NPAL3; NPAL-3; NIPA like domain containing 3; NIPA like protein 3; RGD1563439; RP23-332E2.5; RP3-462O23.3; NPAL3_HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Pig,Cow,Horse,Rabbit,Sheep,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500（Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	45kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human NIPAL3:1-100/406
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. 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.
PubMed:	PubMed
Product Detail:	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

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	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. **Subcellular Location:** Membrane; Multi-pass membrane protein. **Similarity:** Belongs to the NIPA family. **SWISS:** Q6P499 **Gene ID:** 57185 **Database links:** Entrez Gene: 57185Human Entrez Gene: 74552Mouse SwissProt: Q6P499Human SwissProt: Q8BGN5Mouse Unigene: 523442Human Unigene: 26548Mouse **Important Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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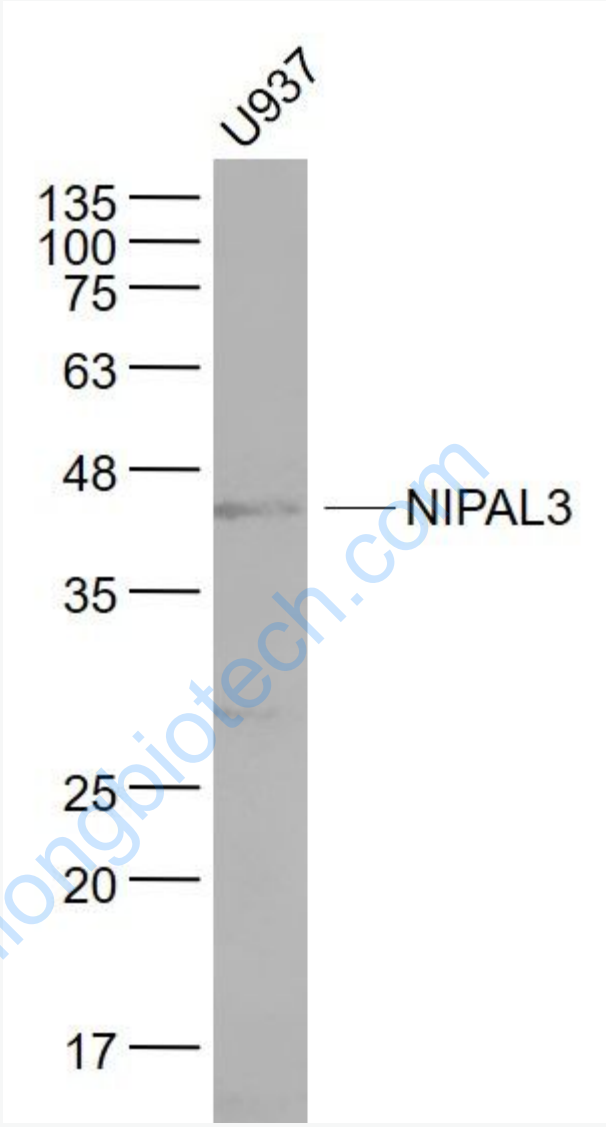
Picture:



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Sample:

U937(Human) Cell Lysate at 30 ug

Primary: Anti- NIPAL3 (SL11097R) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 45 kD

Observed band size: 45 kD