

For Research Use Only

# NRARP Polyclonal antibody

Catalog Number: 14588-1-AP



## Basic Information

<b>Catalog Number:</b> 14588-1-AP	<b>GenBank Accession Number:</b> BC053618	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 1000 ug/ml by Nanodrop and 487 ug/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 441478	<b>Recommended Dilutions:</b> IHC 1:50-1:500
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q7Z6K4	<b>IF/ICC 1:50-1:500</b>
<b>Isotype:</b> IgG	<b>Full Name:</b> NOTCH-regulated ankyrin repeat protein	
<b>Immunogen Catalog Number:</b> AG6114	<b>Calculated MW:</b> 12 kDa	
	<b>Observed MW:</b> 12 kDa	

## Applications

<b>Tested Applications:</b> IHC, IF/ICC, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> human	<b>IHC :</b> human lung cancer tissue,
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	<b>IF/ICC :</b> A431 cells,

## Background Information

NRARP, Notch-regulated ankyrin repeat-containing protein, acts as a downstream effector of Notch signaling, involved in angiogenesis acting downstream of Notch at branch points to regulate vascular density. NRARP is also involved in the regulation of liver cancer cells self-renewal (PMID: 25985737, PMID: 19154719). During somitogenesis, it is involved in maintenance of proper somite segmentation and proper numbers of somites and vertebrae.

## Storage

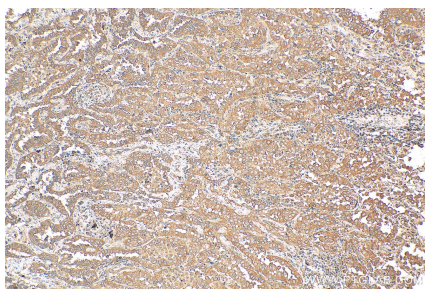
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
**Aliquoting is unnecessary for -20°C storage**

\*\*\* 20ul sizes contain 0.1% BSA

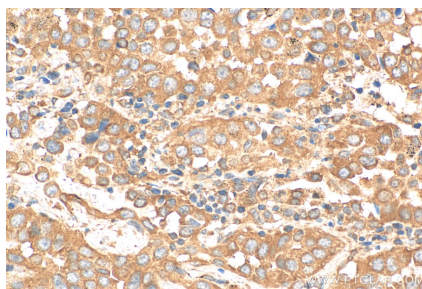
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
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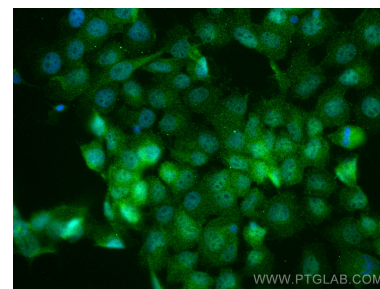
## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 14588-1-AP (NRARP antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 14588-1-AP (NRARP antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed A431 cells using NRARP antibody (14588-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L).