

For Research Use Only

NRARP Polyclonal antibody

Catalog Number: 14588-1-AP



Basic Information

Catalog Number: 14588-1-AP	GenBank Accession Number: BC053618	Purification Method: Antigen affinity purification
Size: 1000 µg/ml	GeneID (NCBI): 441478	Recommended Dilutions: IHC 1:50-1:500 IF/ICC 1:50-1:500
Source: Rabbit	UNIPROT ID: Q7Z6K4	
Isotype: IgG	Full Name: NOTCH-regulated ankyrin repeat protein	
Immunogen Catalog Number: AG6114	Calculated MW: 12 kDa	
	Observed MW: 12 kDa	

Applications

Tested Applications: IHC, IF/ICC, ELISA	Positive Controls: IHC : human lung cancer tissue, IF/ICC : A431 cells,
Species Specificity: human	

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

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

For technical support and original validation data for this product please contact:

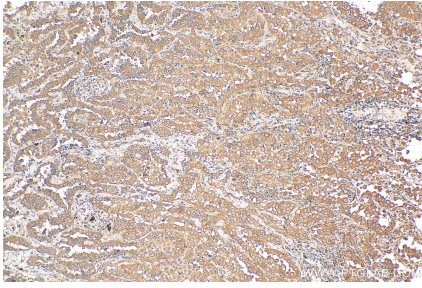
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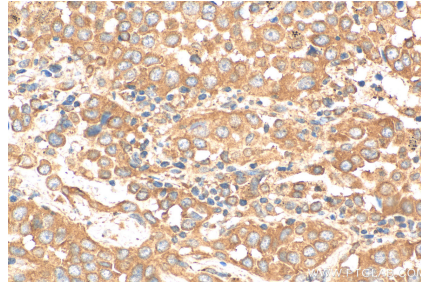
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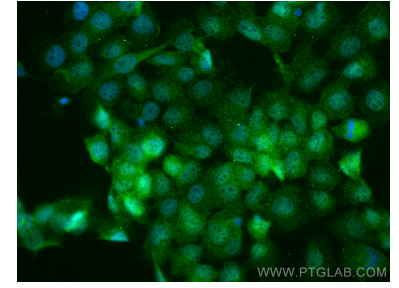
Selected Validation Data



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 AffiniPure Goat Anti-Rabbit IgG(H+L).