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

NRARP Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP13638c

Product Information

Application	WB, E
Primary Accession	Q7Z6K4
Other Accession	Q5U5A6, Q91ZA8, NP_001004354.1
Reactivity	Human
Predicted	Mouse, Xenopus, Rat, Bovine, Canine, Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB33221
Calculated MW	12492
Antigen Region	56-83

Additional Information

Gene ID	441478
Other Names	Notch-regulated ankyrin repeat-containing protein, NRARP
Target/Specificity	This NRARP antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 56-83 amino acids from the Central region of human NRARP.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	NRARP Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	NRARP
Function	Downstream effector of Notch signaling. Involved in the regulation of liver cancer cells self-renewal (PubMed:25985737). Involved in angiogenesis acting downstream of Notch at branch points to regulate vascular density. Proposed

to integrate endothelial Notch and Wnt signaling to control stalk cell proliferation and to stablilize new endothelial connections during angiogenesis (PubMed:19154719). During somitogenesis involved in maintenance of proper somite segmentation and proper numbers of somites and vertebrae. Required for proper anterior- posterior somite patterning. Proposed to function in a negative feedback loop to destabilize Notch 1 intracellular domain (NICD) and down-regulate the Notch signal, preventing expansion of the Notch signal into the anterior somite domain (By similarity).

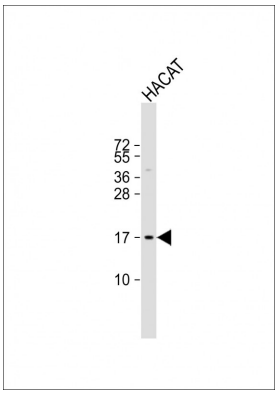
Background

NRARP may play a role in the formation of somites (By similarity).

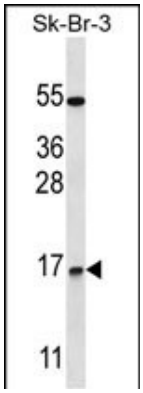
References

Lamesch, P., et al. Genomics 89(3):307-315(2007)
Wang, A.G., et al. Biochem. Biophys. Res. Commun. 345(3):1022-1032(2006)

Images



Anti-NRARP Antibody (Center) at 1:1000 dilution + HACAT whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 12 kDa Blocking/Dilution buffer: 5% NFDM/TBST.



NRARP Antibody (Center) (Cat. #AP13638c) western blot analysis in SK-BR-3 cell line lysates (35ug/lane).This demonstrates the NRARP antibody detected the NRARP protein (arrow).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.