Datasheet for ABIN6144838

anti-NRARP antibody (AA 1-114)

Go to Product page

1 Image

Overview

Quantity:	100 µL
Target:	NRARP
Binding Specificity:	AA 1-114
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NRARP antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-114 of human NRARP (NP_001004354.1).
Sequence:	MSQAELSTCS APQTQRIFQE AVRKGNTQEL QSLLQNMTNC EFNVNSFGPE GQTALHQSVI DGNLELVKLL VKFGADIRLA NRDGWSALHI AAFGGHQDIV LYLITKAKYA ASGR
Isotype:	IgG
Cross-Reactivity:	Mouse
Characteristics:	Polyclonal Antibodies

Target Details

Target:	NRARP

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Target Details

Alternative Name:	NRARP (NRARP Products)
Background:	Downstream effector of Notch signaling. Involved in the regulation of liver cancer cells self-renewal. 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. 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 downregulate the Notch signal, preventing expansion of the Notch signal into the anterior somite domain (By similarity.,NRARP,Cell Biology & Developmental Biology,Neuroscience,Cardiovascular,Angiogenesis,NRARP
Molecular Weight:	12 kDa
Gene ID:	441478
UniProt:	Q7Z6K4

Application Details

Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.

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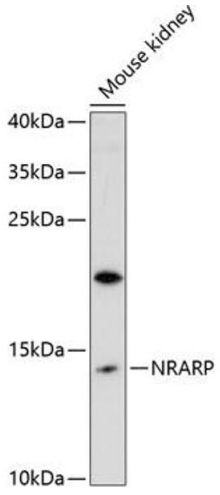

Western Blotting

Image 1. Western blot analysis of extracts of mouse kidney, using NRARP antibody (ABIN6133041, ABIN6144838, ABIN6144839 and ABIN6216665) at 1:3000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution.Lysates/proteins: 25 µg per lane.Blocking buffer: 3 % nonfat dry milk in TBST.Detection: ECL Enhanced Kit (RM00021).Exposure time: 90s.

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