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

Goat Anti-NRARP Antibody (N Terminus)

Purified Goat Polyclonal Antibody
Catalog # AF4172a

Specification

Goat Anti-NRARP Antibody (N Terminus) - Product Information

Application	**E**
Primary Accession	Q7Z6K4
Other Accession	67122(mouse), 499745(rat), NP_001004354.1
Predicted	**Human, Mouse, Rat, Pig, Cow, Dog**
Host	**Goat**
Clonality	**Polyclonal**
Concentration	**0.5**
Calculated MW	**12492**

Goat Anti-NRARP Antibody (N Terminus) - Additional Information

Gene ID 441478

Other Names
NRARP; NOTCH-regulated ankyrin repeat protein; notch-regulated ankyrin repeat-containing protein

Format
Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.

Immunogen
Peptide with sequence SQAELSTCSAPQTQR, from the N Terminus of the protein sequence according to NP_001004354.1.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
Goat Anti-NRARP Antibody (N Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

Goat Anti-NRARP Antibody (N Terminus) - 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).

Goat Anti-NRARP Antibody (N Terminus) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Goat Anti-NRARP Antibody (N Terminus) - Images

Goat Anti-NRARP Antibody (N Terminus) - References

Cyclical expression of the Notch/Wnt regulator Nrarp requires modulation by Dll3 in somitogenesis. Sewell W, Sparrow DB, Smith AJ, Gonzalez DM, Rappaport EF, Dunwoodie SL, Kusumi K. Developmental biology 2009 May 329 (2): 400-9.