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NKAP Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP12401b

Product Information

Application	WB, E
Primary Accession	Q8N5F7
Other Accession	Q4V7C9, Q9D0F4, NP_078804.2
Reactivity	Human
Predicted	Mouse, Rat, Bovine, Canine, Rabbit, Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB31412
Calculated MW	47138
Antigen Region	387-415

Additional Information

Gene ID	79576
Other Names	NF-kappa-B-activating protein, NKAP
Target/Specificity	This NKAP antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 387-415 amino acids from the C-terminal region of human NKAP.
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	NKAP Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	NKAP
Function	Acts as a transcriptional repressor (PubMed: 14550261, PubMed:19409814, PubMed:31587868). Plays a role as a transcriptional corepressor of the Notch-mediated signaling required for T-cell development

(PubMed:19409814). Also involved in the TNF and IL-1 induced NF-kappa-B activation. Associates with chromatin at the Notch- regulated SKP2 promoter.

Cellular Location Nucleus.

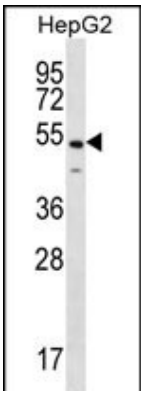
Background

This gene encodes a protein that is involved in the activation of the ubiquitous transcription factor NF-kappaB. This protein is associated with the the histone deacetylase HDAC3 and with the Notch corepressor complex, and it thereby acts as a transcriptional repressor of Notch target genes. It is also required for alphabeta T cell development. A related pseudogene has been identified on chromosome X, while a related and intronless retrocopy, which has an intact CDS and may be functional, is located on chromosome 6.

References

D'Addabbo, A., et al. Artif Intell Med 46(2):131-138(2009)
Pajerowski, A.G., et al. Immunity 30(5):696-707(2009)
Lamesch, P., et al. Genomics 89(3):307-315(2007)
Chen, D., et al. Biochem. Biophys. Res. Commun. 310(3):720-724(2003)

Images



NKAP Antibody (C-term) (Cat. #AP12401b) western blot analysis in HepG2 cell line lysates (35ug/lane).This demonstrates the NKAP antibody detected the NKAP protein (arrow).

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