

Rax Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP1428b

Specification

Rax Antibody (C-term) - Product Information

Application Primary Accession Other Accession Reactivity Host Clonality Isotype Calculated MW Antigen Region WB,E <u>O9Y2V3</u> <u>O9JLT7, O35602</u> Human, Mouse, Rat Rabbit Polyclonal Rabbit IgG 36676 315-346

Rax Antibody (C-term) - Additional Information

Gene ID 30062

Other Names Retinal homeobox protein Rx, Retina and anterior neural fold homeobox protein, RAX, RX

Target/Specificity

This Rax antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 315-346 amino acids from the C-terminal region of human Rax.

Dilution WB~~1:1000

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

Rax Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Rax Antibody (C-term) - Protein Information

Name RAX

Synonyms RX



Function Plays a critical role in eye formation by regulating the initial specification of retinal cells and/or their subsequent proliferation. Binds to the photoreceptor conserved element-I (PCE- 1/Ret 1) in the photoreceptor cell-specific arrestin promoter.

Cellular Location Nucleus.

Tissue Location

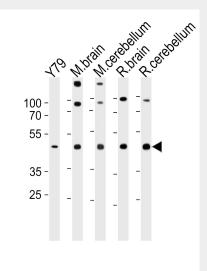
Expressed in the developing eye and weakly expressed in the adult retina

Rax Antibody (C-term) - Protocols

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

- <u>Western Blot</u>
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- <u>Cell Culture</u>

Rax Antibody (C-term) - Images



Rax Antibody (C-term) (Cat. #AP1428b) western blot analysis in Y79 cell line,mouse brain,cerebellum and rat brain,cerebellum tissue lysates (35ug/lane).This demonstrates the Rax antibody detected the Rax protein (arrow).

Rax Antibody (C-term) - Background

Rax plays a critical role in eye formation by regulating the initial specification of retinal cells and/or their subsequent proliferation. It binds to the photoreceptor conserved element-I (PCE-1/Ret 1) in the photoreceptor cell-specific arrestin promoter.

Rax Antibody (C-term) - References



Voronina,V.A., Hum. Mol. Genet. 13 (3), 315-322 (2004) Mikkola,I., J. Biol. Chem. 276 (6), 4109-4118 (2001) Mathers,P.H., Cell. Mol. Life Sci. 57 (2), 186-194 (2000)