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

Rax Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP1428b

Product Information

Application	WB, E
Primary Accession	Q9Y2V3
Other Accession	Q9JLT7, O35602
Reactivity	Human, Rat, Mouse
Predicted	Mouse, Rat, Bovine, Canine
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	36676
Antigen Region	315-346

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

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

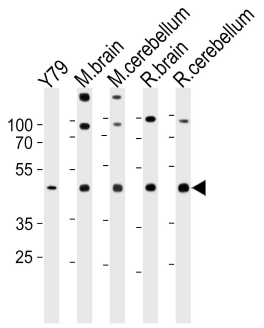
Background

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.

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)

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).

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