

Rax Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP1428a

Specification

Rax Antibody (N-term) - Product Information

Application	WB, IHC-P,E
Primary Accession	Q9Y2V3
Other Accession	Q9PVX0
Reactivity	Human, Mouse
Predicted	Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Antigen Region	15-46

Rax Antibody (N-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 15-46 amino acids from the N-terminal region of human Rax.

Dilution

WB~~1:1000

IHC-P~~1:10~50

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

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

Rax Antibody (N-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

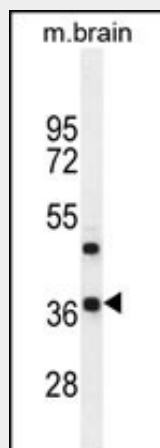
Expressed in the developing eye and weakly expressed in the adult retina

Rax Antibody (N-term) - Protocols

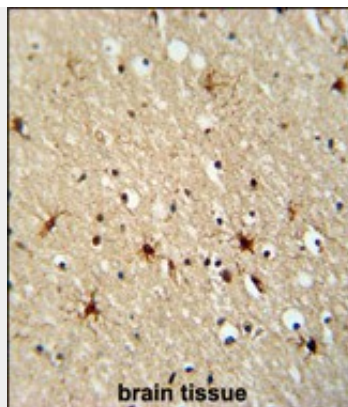
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Rax Antibody (N-term) - Images



Western blot analysis of anti-Rax Pab (Cat.#AP1428a) in mouse brain tissue lysates (35ug/lane). Rax(arrow) was detected using the purified Pab.



Formalin-fixed and paraffin-embedded human brain tissue reacted with Rax Antibody (N-term) (Cat.#AP1428a), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.

Rax Antibody (N-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 (N-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)