

Rax Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP1428a**Specification**

Rax Antibody (N-term) Blocking Peptide - Product InformationPrimary Accession [Q9Y2V3](#)**Rax Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 30062**Other Names**

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

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP1428a](/product/products/AP1428a) was selected from the N-term region of human Rax. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

Rax Antibody (N-term) Blocking Peptide - 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) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

Rax Antibody (N-term) Blocking Peptide - Images

Rax Antibody (N-term) Blocking Peptide - 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) Blocking Peptide - 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)