

Datasheet for ABIN6252809 **anti-RAX antibody (C-Term)**



[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	RAX
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RAX antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	A recombinant protein fragment from the C-terminus of human RAX was used as the immunogen for this antibody.
Isotype:	IgG
Purification:	Protein A affinity chromatography

Target Details

Target:	RAX
Alternative Name:	RAX (RAX Products)
Background:	Rax (Retinal and anterior neural fold homeobox), a paired-type homeobox protein, is a human homolog of Drosophila Rx protein. It is a marker of developing eye and forebrain in vertebrates, initially expressed in the region of the forebrain where optic vesicles are formed, and is involved

Target Details

in promoting the division of retinal progenitor cells early in development. As development progresses, expression is seen in the retina and hypothalamus. RAX is essential for eye development. Knockout of RAX in mice eliminated eye development, and RAX mutation in humans result in Anophthalmia, where one or both eyes fail to develop.

Gene ID:	30062
UniProt:	Q9Y2V3
Pathways:	Regulatory RNA Pathways

Application Details

Application Notes:	Western blot: 1-3 µg/mL
	Provided assay concentrations are suggestions only, antibody titration may be required for optimal results.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	PBS with 0.1 mg/mL BSA and 0.05 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Aliquot and Store at -20C. Avoid freez-thaw cycles.