

Datasheet for ABIN5027505
anti-RAX antibody (AA 100-313)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µg
Target:	RAX
Binding Specificity:	AA 100-313
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RAX antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	A partial length recombinant RAX protein (amino acids 100-313) was used as the immunogen for this antibody.
Isotype:	IgG
Purification:	Protein A Chromatography

Target Details

Target:	RAX
Alternative Name:	RAX (RAX Products)
Background:	RAX or PRKRA (retina and anterior neural fold homeobox) is a homeobox-containing transcription factor. It plays an important role in eye development by regulating the initial specification of retinal cells. In the absence of double-stranded RNA, RAX activates

Target Details

EIF2AK2/PKR, so as to phosphorylate EIF2S1/EIF2-alpha leading to inhibition of translation and induction of apoptosis. RAX has been reported to be essential for siRNA production by DICER1 and for subsequent siRNA-mediated post-transcriptional gene silencing. Mutations in this gene have been reported in patients with defects in ocular development, including microphthalmia, anophthalmia and coloboma. RAX is expressed in blood, bone, brain, spleen and adipose tissues.

Molecular Weight: 30 kDa

Gene ID: 8575

UniProt: [O75569](#)

Pathways: [Regulatory RNA Pathways](#)

Application Details

Application Notes: WB: 1-2 µg/mL

Restrictions: For Research Use only

Handling

Concentration: 0.5 mg/mL

Buffer: PBS containing 0.05 % BSA, PH 7.4

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: 4 °C/-20 °C

Storage Comment: Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

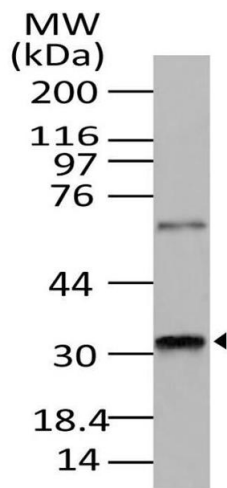


Image 1.