

Datasheet for ABIN7599546
anti-PKIB antibody (AA 1-78)



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Overview

Quantity:	100 µg
Target:	PKIB
Binding Specificity:	AA 1-78
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PKIB antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

Product Details

Purpose:	Anti-PKIB Antibody
Immunogen:	E.coli-derived human PKIB recombinant protein (Position: M1-K78).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-PKIB Antibody Picoband® (ABIN7599546). Tested in ELISA, IHC applications. This antibody reacts with Human.
Purification:	Immunogen affinity purified.

Target Details

Target:	PKIB
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Target Details

Alternative Name:	PKIB (PKIB Products)
Background:	<p>Synonyms: Histone H3/a, Histone H3/b, Histone H3/c, Histone H3/d, Histone H3/f, Histone H3/h, Histone H3/l, Histone H3/j, Histone H3/k, Histone H3/l, HIST1H3A, HIST1H3B, HIST1H3C, HIST1H3D, HIST1H3E, HIST1H3F, HIST1H3G, HIST1H3H, HIST1H3I, HIST1H3J, H3FJ</p> <p>Tissue Specificity: Expressed in fetal brain, fetal lung, fetal liver, heart, brain, placenta, lung, liver, muscle, kidney and pancreas.</p> <p>Background: cAMP-dependent protein kinase inhibitor beta is a protein that in humans is encoded by the PKIB gene. This gene encodes a member of the cAMP-dependent protein kinase inhibitor family. The encoded protein may play a role in the protein kinase A (PKA) pathway by interacting with the catalytic subunit of PKA, and overexpression of this gene may play a role in prostate cancer. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.</p>
Molecular Weight:	110 kDa
Gene ID:	5570
UniProt:	Q9C010
Pathways:	Myometrial Relaxation and Contraction

Application Details

Application Notes:	<p>Immunohistochemistry(Paraffin-embedded Section), 2-5 µg/mL, Human</p> <p>ELISA, 0.1-0.5 µg/mL, -</p> <p>1. Van Patten, S. M., Ng, D. C., Th'ng, J. P. H., Angelos, K. L., Smith, A. J., Walsh, D. A. Molecular cloning of a rat testis form of the inhibitor protein of cAMP-dependent protein kinase. Proc. Nat. Acad. Sci. 88: 5383-5387, 1991.</p>
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Adding 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na2HPO4.
Storage:	4 °C, -20 °C

Handling

Storage Comment: At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month.
It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and thawing.