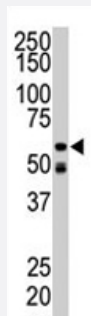


# RIPK2 polyclonal antibody

Catalog # PAB3498

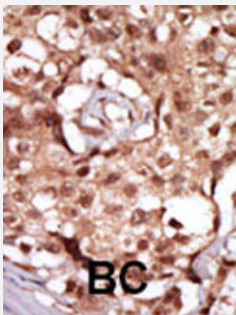
Size 400 uL

## Applications



### Western Blot (Tissue lysate)

Western blot analysis of RIPK2 polyclonal antibody (Cat # PAB3498) in mouse cerebellum tissue lysate. RIPK2 (arrow) was detected using purified polyclonal antibody. Secondary HRP-anti-rabbit was used for signal visualization with chemiluminescence.



### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Formalin-fixed and paraffin-embedded human cancer tissue reacted with RIPK2 polyclonal antibody (Cat # PAB3498), which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma.

## Specification

<b>Product Description</b>	Rabbit polyclonal antibody raised against synthetic peptide of RIPK2.
<b>Immunogen</b>	A synthetic peptide (conjugated with KLH) corresponding to C-terminus of human RIPK2.
<b>Host</b>	Rabbit
<b>Form</b>	Liquid
<b>Purification</b>	Protein G purification
<b>Recommend Usage</b>	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:50-100) Western Blot (1:1000) The optimal working dilution should be determined by the end user.

Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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## Gene Info — RIPK2

Entrez GeneID	<a href="#">8767</a>
Protein Accession#	<a href="#">RIK2_HUMAN</a>
Gene Name	RIPK2
Gene Alias	CARD3, CARDIAK, CCK, GIG30, RICK, RIP2
Gene Description	receptor-interacting serine-threonine kinase 2
Omim ID	<a href="#">603455</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	This gene encodes a member of the receptor-interacting protein (RIP) family of serine/threonine protein kinases. The encoded protein contains a C-terminal caspase activation and recruitment domain (CARD), and is a component of signaling complexes in both the innate and adaptive immune pathways. It is a potent activator of NF-kappaB and inducer of apoptosis in response to various stimuli. [provided by RefSeq]
Other Designations	CARD-carrying kinase CARD-containing interleukin-1 beta-converting enzyme (ICE)-associated kinase growth-inhibiting gene 30 receptor interacting protein 2 receptor-interacting protein (RIP)-like interacting caspase-like apoptosis regulatory protein (CLARP)

## Publication Reference

- [The secreted protein discovery initiative \(SPDI\), a large-scale effort to identify novel human secreted and transmembrane proteins: a bioinformatics assessment.](#)

Clark HF, Gurney AL, Abaya E, Baker K, Baldwin D, Brush J, Chen J, Chow B, Chui C, Crowley C, Currell B, Deuel B, Dowd P, Eaton D, Foster J, Grimaldi C, Gu Q, Hass PE, Heldens S, Huang A, Kim HS, Klimowski L, Jin Y, Johnson S, Lee J, Lewis L, Liao D, Mark M, Robbie E, Sanchez C, Schoenfeld J, Seshagiri S, Simmons L, Singh J, Smith V, Stinson J, Vagts A, Vandlen R, Watanabe C, Wieand D, Woods K, Xie MH, Yansura D, Yi S, Yu G, Yuan J, Zhang M, Zhang Z, Goddard A, Wood WI, Godowski P, Gray A.

Genome Research 2003 Sep; 13(10):2265.

- [CARD6 is a modulator of NF-kappa B activation by Nod1- and Cardiak-mediated pathways.](#)

Stehlik C, Hayashi H, Pio F, Godzik A, Reed JC.

The Journal of Biological Chemistry 2003 Aug; 278(34):31941.

- [Equilibrium and kinetic folding of an alpha-helical Greek key protein domain: caspase recruitment domain \(CARD\) of RICK.](#)

Chen YR, Clark AC.

Biochemistry 2003 May; 42(20):6310.

## Pathway

- [Neurotrophin signaling pathway](#)

## Disease

- [Genetic Predisposition to Disease](#)
- [Hematologic Diseases](#)
- [Hodgkin Disease](#)
- [Leprosy](#)
- [Lymphoma](#)
- [Lymphoproliferative Disorders](#)
- [Occupational Diseases](#)

- [Waldenstrom Macroglobulinemia](#)
- [Werner syndrome](#)