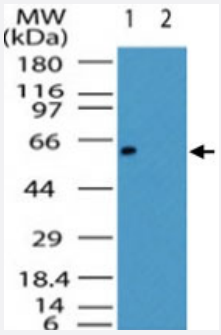
RIPK3 polyclonal antibody

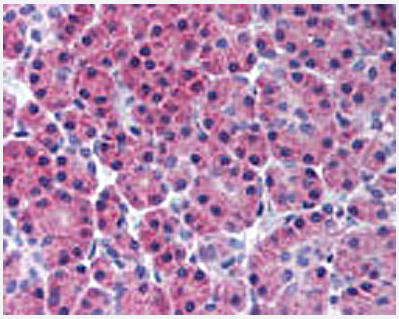
Catalog # PAB0287 Size 100 ug

Applications



Western Blot (Cell lysate)

Western blot analysis of RIP3 in the 1) absence and 2) presence of immunizing peptide in NIH/3T3 cell lysate. Using RIPK3 polyclonal antibody (Cat # PAB0287) at 1 ug/mL .



Immunohistochemistry

IHC analysis of human pancreas. Using RIPK3 polyclonal antibody (Cat # PAB0287) at 10 ug/mL .

Specification

Product Description	Rabbit polyclonal antibody raised against partial recombinant RIPK3.
Immunogen	Recombinant protein corresponding to amino acids 480-530 of human RIPK3.
Host	Rabbit
Reactivity	Chimpanzee, Human
Form	Liquid
Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.2% gelatin, 0.05% 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 shoul d be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

  Western blot analysis of RIP3 in the 1) absence and 2) presence of immunizing peptide in NIH/3T3 cell lysate. Using RIPK3 polyclonal antibody (Cat # PAB0287) at 1 ug/mL .

- Immunohistochemistry

  IHC analysis of human pancreas. Using RIPK3 polyclonal antibody (Cat # PAB0287) at 10 ug/mL .

Gene Info — RIPK3

Entrez GeneID	11035
Gene Name	RIPK3
Gene Alias	RIP3
Gene Description	receptor-interacting serine-threonine kinase 3
Omim ID	605817
Gene Ontology	Hyperlink
Gene Summary	The product of this gene is a member of the receptor-interacting protein (RIP) family of serine/thre onine protein kinases, and contains a C-terminal domain unique from other RIP family members. The encoded protein is predominantly localized to the cytoplasm, and can undergo nucleocytopla smic shuttling dependent on novel nuclear localization and export signals. It is a component of the tumor necrosis factor (TNF) receptor-I signaling complex, and can induce apoptosis and weakly a ctivate the NF-kappaB transcription factor. [provided by RefSeq
Other Designations	RIP-like protein kinase 3|receptor interacting protein 3

Publication Reference

- Efficient Generation of Multi-gene Knockout Cell Lines and Patient-derived Xenografts Using Multi-colored Lenti-CRISPR-Cas9.

  Lena Behrmann, Scott McComb, Júlia Aguadé-Gorgorió, Yun Huang, Mario Hermann, Pawel Pelczar, Adriano Aguzzi, Jean-Pierre Bourquin, Beat C Bornhauser.

  Bio-Protocol 2017 Apr; 7(7):e2222.

  Application: WB-Ti, WB-Tr, Human, Patient-derived acute lymphoblastic leukemia cells

- Tert-butyl hydroperoxide (t-BHP) induced apoptosis and necroptosis in endothelial cells: Roles of NOX4 and mitochondrion.

  Zhao W, Feng H, Sun W, Liu K, Lu JJ, Chen X.

  Redox Biology 2017 Jan; 11:524.

  Application: WB, Human, HUVEC

- Differences and similarities in TRAIL-and TNF-mediated necroptotic signaling in cancer cells.

  Sosna J, Philipp S, Fuchslocher Chico J, Saggau C, Fritsch J, Foll A, Plenge J, Arenz C, Pinkert T, Kalthoff H, Trauzold A, Schmitz I, Schutze S, Adam D.

  Molecular and Cellular Biology 2016 Sep; 36(20):2626.

  Application: WB-Ce, Mouse, MEFs

- TNF-induced necroptosis and PARP-1-mediated necrosis represent distinct routes to programmed necrotic cell death.

  Sosna J, Voigt S, Mathieu S, Lange A, Thon L, Davarnia P, Herdegen T, Linkermann A, Rittger A, Chan FK, Kabelitz D, Schutze S, Adam D.

  Cellular and Molecular Life Sciences 2014 Jan; 71(2):331.

  Application: WB-Ce, WB-Tr, Mouse, NIH/3T3 cells, MEFs, Lung fibroblasts

Disease

- Cleft Lip
- Cleft Palate
- Genetic Predisposition to Disease
- Inflammation
- Lymphoma