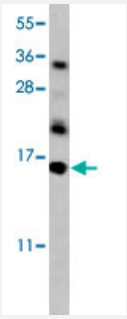
HRK polyclonal antibody

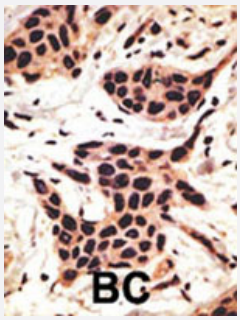
Catalog # PAB2444 Size 400 uL

Applications



Western Blot (Tissue lysate)

Western blot analysis of mouse kidney tissue lysate (35 ug/lane) with HRK polyclonal antibody (Cat # PAB2444).



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

Formalin-fixed and paraffin-embedded human cancer tissue reacted with the HRK polyclonal antibody (Cat # PAB2444) , which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry ; clinical relevance has not been evaluated. BC = breast carcinoma.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of HRK.
Immunogen	A synthetic peptide (conjugated with KLH) corresponding to amino acids 30-50 of human HRK.
Host	Rabbit
Reactivity	Human, Mouse
Form	Liquid
Purification	Protein G purification

Recommend Usage	Western Blot (1:1000) Immunohistochemistry (1:10-50) 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 shoul d be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

  Western blot analysis of mouse kidney tissue lysate (35 ug/lane) with HRK polyclonal antibody (Cat # PAB2444).

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

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Gene Info — HRK

Entrez GeneID	8739
Protein Accession#	NP_003797
Gene Name	HRK
Gene Alias	DP5, HARAKIRI
Gene Description	harakiri, BCL2 interacting protein (contains only BH3 domain)
Omim ID	603447
Gene Ontology	Hyperlink
Gene Summary	Activator of apoptosis Hrk regulates apoptosis through interaction with death-repressor proteins Bcl-2 and Bcl-X(L). The HRK protein lacks significant homology to other BCL2 family members ex cept for an 8-amino acid region that was similar to the BCL2 homology domain-3 (BH3) motif of B IK. HRK interacts with BCL2 and BCLXL via the BH3 domain, but not with the death-promoting B CL2-related proteins BAX, BAK, or BCLXS. HRK localizes to membranes of intracellular organell es in a pattern similar to that previously reported for BCL2 and BCLXL. [provided by RefSeq
Other Designations	BCL2-interacting protein|activator of apoptosis Hrk|death protein 5|harakiri

Publication Reference

- Up-regulation of Hrk, a regulator of cell death, in retinal ganglion cells of axotomized rat retina.

  Wakabayashi T, Kosaka J, Hommura S.

  Neuroscience Letters 2002 Jan; 318(2):77.

- harakiri, a novel regulator of cell death, encodes a protein that activates apoptosis and interacts selectively with survival-promoting proteins Bcl-2 and Bcl-X(L).

  Inohara N, Ding L, Chen S, Nunez G.

  The EMBO Journal 1997 Apr; 16(7):1686.

Disease

- Tobacco Use Disorder