

## Hrk Antibody

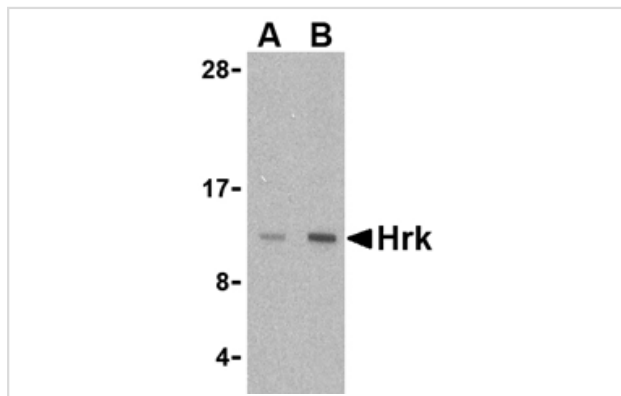
Catalog No: #24401

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

## Description

Product Name	Hrk Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Affinity chromatography purified via peptide column
Applications	E WB
Species Reactivity	Hu Ms
Immunogen Type	Peptide
Immunogen Description	Raised against a 15 amino acid peptide from near the center of human Hrk.
Target Name	Hrk
Other Names	Harakiri, Neuronal death proteinDP
Accession No.	NP_003797
Formulation	Supplied in PBS containing 0.02% sodium azide.
Storage	Can be stored at -20°C, stable for one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

## Images



Western blot analysis of Hrk in mouse pancreas tissue lysate with Hrk antibody at (A) 2.5 and (B) 5 ug/mL.

## Background

Apoptosis plays a major role in normal organism development, tissue homeostasis, and removal of damaged cells. Hrk, a pro-apoptotic member of the Bcl-2 homology domain-3 (BH3)-only group of the Bcl-2 family of proteins, was also identified as novel protein induced during programmed neuronal death. It lacks significant homology to other Bcl-2 family members except for an 8-amino acid region that is similar to the BH3 motif of Bik. Hrk regulates apoptosis through interaction with the anti-apoptotic proteins Bcl-2 and Bcl-XL via this domain. It does not interact with the pro-apoptotic proteins Bax, Bak, or Bcl-XS. Hrk localizes to mitochondrial membranes in a pattern similar to that previously reported for Bcl-2 and Bcl-XL.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.