Hrk Antibody

Catalog No: #24401

Orders: order@signalwayantibody.com
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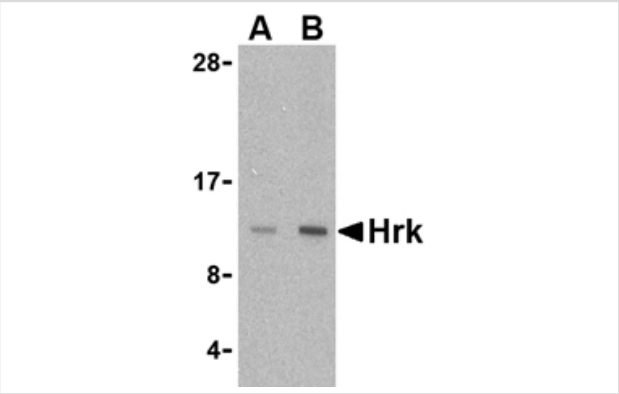
Description

Product Name	Hrk Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Affinity chromatography purified via peptide column
Applications	ELISA 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.	Swiss-Prot:O00198Gene ID:8739
Uniprot	O00198
GeneID	8739;
Concentration	1mg/ml
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