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## Hrk Antibody

**Subcategory:** Rabbit Polyclonal Antibody

**Cat. No.:** 253610

**Unit:** 0.1 mg

**Description:**

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. Despite its predicted molecular weight, Hrk often migrates at 12-15 kDa.

**Isotype:** Rabbit Ig

**Applications:** E, WB

**Species Reactivity:** H, M

**Format:** Each vial contains 0.1 ml IgG in PBS pH 7.4 with 0.02% sodium azide. Antibody was purified by immunogen affinity chromatography.

**Alternate Names:** Hrk; Harakiri; Neuronal death proteinDP

**Accession No.:** NP\_003797

**Antigen:** KLH-conjugated synthetic peptide encompassing a sequence within human Hrk.

**Application Notes:** E: 1:500-1:1,000; WB: 1:100-1:500

**Storage:** Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.