

## Product datasheet for **AP05593PU-N**

### HRK Rabbit Polyclonal Antibody

#### Product data:

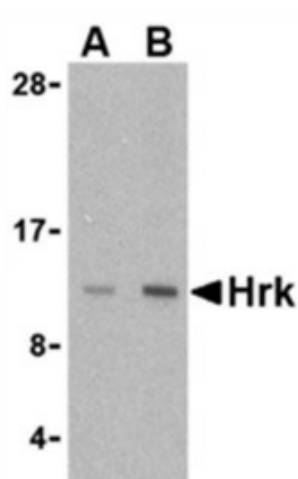
Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	Western blot: 2 - 5 µg/ml; detects a band of approximately 13kDa in mouse pancreas tissue lysate.
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	15 amino acid peptide from near the centre of human HRK (NP_003797).
Specificity:	This antibody detects Harakiri (HRK), also known as DP5.
Formulation:	State: Purified State: Liquid purified IgG containing 0.02% Sodium Azide
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for up to one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	harakiri, BCL2 interacting protein
Database Link:	<a href="#">Entrez Gene 12123 Mouse</a> <a href="#">Entrez Gene 117271 Rat</a> <a href="#">Entrez Gene 8739 Human</a> <a href="#">O00198</a>
Background:	HRK is a BH3 only protein of the Bcl-2 family, which promotes Bax dependent apoptosis. HRK regulates apoptosis through its interaction with the anti-apoptotic proteins Bcl-2 and Bcl-XL, and in conjunction to the mitochondrial pore forming protein p32. HRK is thought to have a specific role in initiating neuronal and haematopoietic cell apoptosis, in particular to growth factor deprivation. Aberrant methylation of HRK is frequently detected in primary colorectal cancers. Despite its predicted molecular weight, HRK often migrates at 12-15kD.
Synonyms:	Neuronal death protein DP5, BID3



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Protein Families: Druggable Genome, Transmembrane

**Product images:**



Western blot analysis of mouse pancreas lysate probed with Rabbit anti Human Hrk (AP05593PU-N) at 2.5 (A) and 5 (B) ug/ml.