

Product datasheet for **AP05587PU-N**

BIK (N-term) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IF, WB
Recommended Dilution:	Western blot: 1 - 2 µg/ml. Detects a band of approximately 18kDa in Jurkat cell lysates. Immunocytochemistry.
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	15 amino acid peptide from near the amino terminus of human Bik.
Specificity:	This antibody detects an epitope within the N-terminal (NT) region of Bcl-2-interacting killer (Bik) also known as natural born killer (Nbk).
Formulation:	PBS State: Purified State: Liquid purified IgG fraction Preservative: 0.02% Sodium Azide
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	BCL2 interacting killer
Database Link:	Entrez Gene 638 Human Q13323



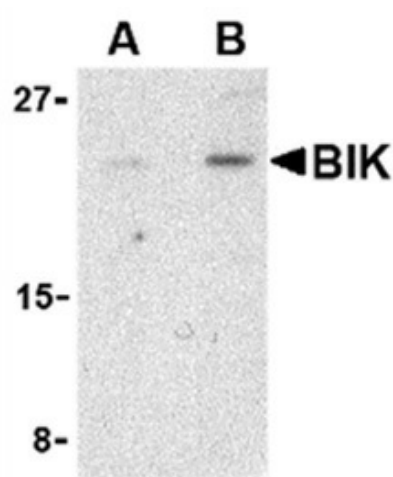
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Background:

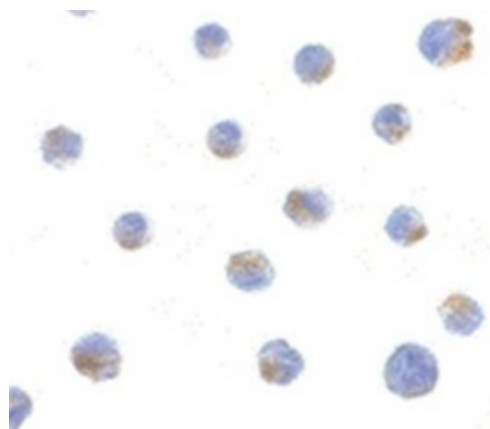
Bik is a Bcl-2 homology domain 3 (BH3)-only protein of 18kD which requires the BAX gene for activation. Bik forms heterodimers with various antiapoptotic proteins such as Bcl-2 and Bcl-XL, inhibiting their antiapoptotic function. This can result in the release of Ca²⁺ and cytochrome C into the cytosol, leading to apoptosis. Loss of Bik is a common feature of clear-cell renal cell carcinoma (RCC), and is thought to act as a renal tissue-specific tumour suppressor gene.

Synonyms:

Bcl-2-interacting killer, NBK, BP4, BIP1

Product images:

Western blot analysis of whole cell lysate from Jurkat, human T-cell leukemia cells probed with Rabbit anti Human BIK at 1 (A) and 2 (B) ug/ml



Immunocytochemical staining of Jurkat cells with Rabbit anti Human BIK