

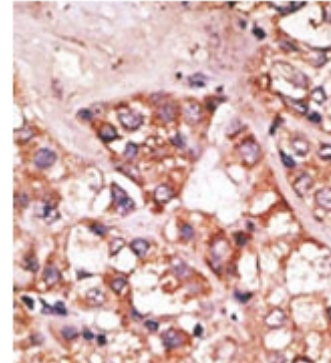
AP11315PU-N**Polyclonal Antibody to BIK (BH3 Domain) - Purified**

Alternate names:	Apoptosis inducer NBK, BIP1, BP4, Bcl-2-interacting killer, NBK
Quantity:	0.4 ml
Concentration:	lot specific
Background:	The Bik protein is known to interact with cellular and viral survival-promoting proteins, such as BCL2 and the Epstein-Barr virus in order to enhance programmed cell death. Because its activity is suppressed in the presence of survival-promoting proteins, this protein is suggested as a likely target for antiapoptotic proteins. This protein shares a critical BH3 domain with other death-promoting proteins, BAX and BAK.
Uniprot ID:	Q13323
NCBI:	9606
GeneID:	638
Host / Isotype:	Rabbit / Ig
Immunogen:	This antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide selected from the N-terminal region (BH3 domain) of human Bik.
Format:	State: Liquid purified Ig fraction. Purification: Protein G Chromatography, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS. Buffer System: PBS containing 0.09% (W/V) Sodium Azide as preservative.
Applications:	ELISA: 1/1,000. Western blot: 1/100-1/500. Immunohistochemistry: 1/50-1/100. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody is specific to BIK (BH3 Domain). Species: Human and Mouse. Other species not tested.
Add. Information:	Calculated MW: 18016 Da
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. Shelf life: one year from despatch.
Caution:	This product is for research use only. Not for use in diagnostic or therapeutic procedures.
General Readings:	1. Sass, Gabriele, et al. J. Immunol. 2007 Nov 15;179(10):7042-7049. (Applications: WB) 2. Arena, V., et al., Genes Chromosomes Cancer 38(1):91-96 (2003). 3. Gillissen, B., et al., EMBO J. 22(14):3580-3590 (2003).

4. Germain, M., et al., J. Biol. Chem. 277(20):18053-18060 (2002).
5. Zou, Y., et al., Cancer Res. 62(1):8-12 (2002).
6. Castells, A., et al., Gastroenterology 117(4):831-837 (1999).

Pictures:

Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



Western blot analysis using anti-Bik BH3 domain Pab (Cat. #AP11315PU-N) to detect Bik BH3 in mouse brain tissue lysate.

