

Bok BH3 Domain Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP1310a**Specification**

Bok BH3 Domain Antibody - Product Information

Application	IHC-P, WB,E
Primary Accession	Q9UL32
Other Accession	G0YKA8 , Q3TH93 , O35425 , Q792S6
Reactivity	Human
Predicted	Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Antigen Region	60-90

Bok BH3 Domain Antibody - Additional Information**Other Names**

Bcl-2-related ovarian killer protein, hBOK, Bcl-2-like protein 9, Bcl2-L-9, BOK, BCL2L9

Dilution

IHC-P~~1:50~100

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

Bok BH3 Domain Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

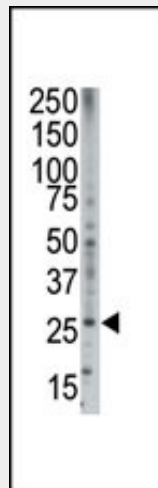
Bok BH3 Domain Antibody - Protein Information**Bok BH3 Domain Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

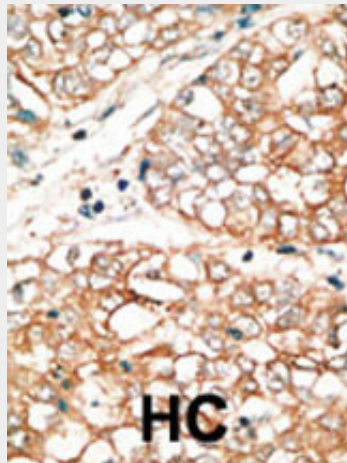
- [Western Blot](#)
- [Blocking Peptides](#)

- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Bok BH3 Domain Antibody - Images



Western blot analysis of anti-Bok BH3 domain Pab (Cat. #AP1310a) in HL-60 cell lysate. Bok BH3 domain (arrow) was detected using purified Pab. Secondary HRP-anti-rabbit was used for signal visualization with chemiluminescence.



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

Bok BH3 Domain Antibody - Background

Bok belongs to the BCL-2 protein family. BCL-2 family members form hetero- or homodimers and act as anti- and pro-apoptotic regulators that are involved in a wide variety of cellular activities. This protein contains all four BCL-2 like domains (BH1, 2, 3 and 4) and is a pro-apoptotic BCL-2 protein identified in the ovary.

Bok BH3 Domain Antibody - References

Hsu, S.Y., et al., Proc. Natl. Acad. Sci. U.S.A. 94(23):12401-12406 (1997). Zhang, H., et al., FEBS Lett. 480 (2-3), 311-313 (2000).

Bok BH3 Domain Antibody - Citations

- [Stress via p53 pathway causes apoptosis by mitochondrial Noxa upregulation in doxorubicin-treated neuroblastoma cells.](#)
- [Membrane translocation and oligomerization of hBok are triggered in response to apoptotic stimuli and Bnip3.](#)
- [BOK and NOXA are essential mediators of p53-dependent apoptosis.](#)