

Datasheet for ABIN7265866
anti-BOK antibody (AA 1-100)

6 Images

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Overview

Quantity:	100 µL
Target:	BOK
Binding Specificity:	AA 1-100
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BOK antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Purpose:	BOK Rabbit pAb
Immunogen:	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human BOK (NP_115904.1).
Sequence:	MEVLRSSVF AAEIMDAFDR SPTDKELVAQ AKALGREYVH ARLLRAGLSW SAPERAAPVP GRLAEVCAVL LRLGDELEMI RPSVYRNVAR QLHISLQSEP
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

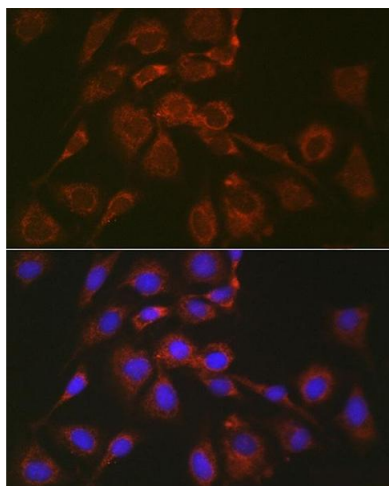
Target:	BOK
Alternative Name:	BOK (BOK Products)
Background:	The protein encoded by this gene belongs to the BCL2 family, members of which form homo- or heterodimers, and act as anti- or proapoptotic regulators that are involved in a wide variety of cellular processes. Studies in rat show that this protein has restricted expression in reproductive tissues, interacts strongly with some antiapoptotic BCL2 proteins, not at all with proapoptotic BCL2 proteins, and induces apoptosis in transfected cells. Thus, this protein represents a proapoptotic member of the BCL2 family.,BOK,BCL2L9,BOKL,Cancer,Tumor suppressors,p53 pathway,Cell Biology & Developmental Biology,Apoptosis,BOK
Molecular Weight:	14kDa/23kDa
Gene ID:	666
UniProt:	Q9UMX3
Pathways:	Positive Regulation of Endopeptidase Activity

Application Details

Application Notes:	WB,1:500 - 1:2000,IHC,1:50 - 1:200,IF,1:50 - 1:200
Restrictions:	For Research Use only

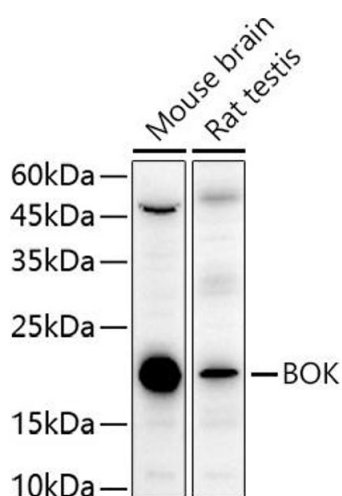
Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



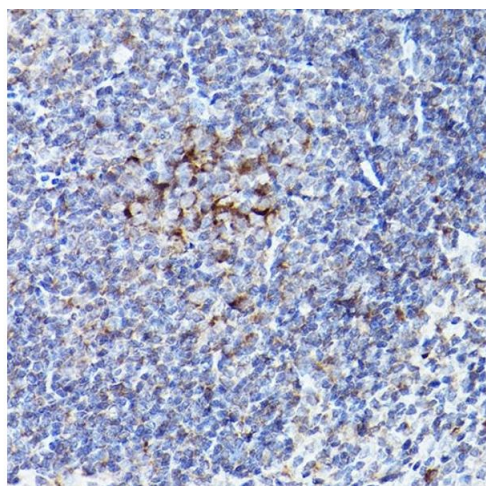
Immunofluorescence

Image 1. Immunofluorescence analysis of NIH/3T3 cells using BOK Rabbit pAb (ABIN7265866) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using BOK antibody (ABIN7265866) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Enhanced Kit (RM00021). Exposure time: 180s.



Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded mouse spleen using BOK Rabbit pAb (ABIN7265866) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN7265866.