Datasheet for ABIN6990478

anti-BOK antibody (N-Term)

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Overview

Quantity:	0.1 mg
Target:	BOK
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BOK antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	BOK antibody was raised against a 16 amino acid synthetic peptide near the amino terminus of human BOK. The immunogen is located within the first 50 amino acids of BOK.
Isotype:	IgG
Specificity:	At least three isoforms of BOK are known to exist, this antibody will not detect the smallest isoform. BOK antibody is predicted to not cross-react with other Bcl-2 protein family members
Purification:	BOK Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	BOK
Alternative Name:	BOK (BOK Products)

Target Details

Background:	BOK Antibody: Apoptosis plays a major role in normal organism development, tissue homeostasis, and removal of damaged cells. Disruption of this process has been implicated in a variety of diseases such as cancer. The Bcl-2 family of proteins is comprised of critical regulators of apoptosis that can be divided into two classes: those that inhibit apoptosis and those that promote cell death. BOK, a pro-apoptotic Bcl-2 family member, was initially identified in the ovary, and was found to interact with other Bcl-2 family members such as Mcl-1 and Bfl-1. BOK expression is high during early placental development, suggesting that it may also play a role in regulating trophoblast cell proliferation.
Gene ID:	666
UniProt:	Q9UMX3
Pathways:	Positive Regulation of Endopeptidase Activity

Application Details

Application Notes:	BOK antibody can be used for detection of BOK by immunohistochemistry at 5 µ,g/mL. Antibody validated: Immunohistochemistry in human samples. All other applications and species not yet tested.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	BOK Antibody is supplied in PBS containing 0.02 % sodium azide.
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,4 °C
Storage Comment:	BOK antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.