

Datasheet for ABIN184699
anti-BAK1 antibody (N-Term)

2 Images

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Overview

Quantity:	100 µg
Target:	BAK1
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This BAK1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	BAK1
Immunogen:	Peptide with sequence ASGQGP GPPRQE-C, from the N Terminus of the protein sequence according to NP_001179.1.
Sequence:	ASGQGP GPPR QE
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Pig, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

Target:	BAK1
Alternative Name:	BAK1 (BAK1 Products)
Background:	BAK1, BCL2-antagonist/killer 1, BAK, CDN1, BCL2L7, cell death inhibitor 1, apoptosis regulator BAK, Bcl-2 homologous antagonist/killer, BAK-LIKE, MGC117255, MGC3887, BCL2-like 7 protein, pro-apoptotic protein BAK
Gene ID:	578, 12018, 116502
NCBI Accession:	NP_001179
Pathways:	Apoptosis , Steroid Hormone Mediated Signaling Pathway , ER-Nucleus Signaling , Positive Regulation of Endopeptidase Activity , Unfolded Protein Response

Application Details

Application Notes:	Western Blot: Approx 25 kDa band observed in Human Adrenal Gland lysates and in preliminary testing of HeLa and Jurkat cell lyate (calculated MW of 23.4 kDa according to NP_001179.1. Recommended concentration: 0.5-1 µg/mL. Primary incubation 1 hour at room Peptide ELISA: antibody detection limit dilution 1:32000.
Restrictions:	For Research Use only

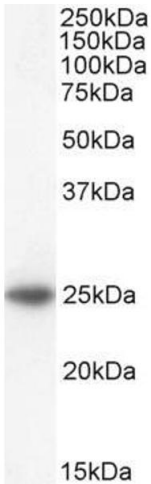
Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Western Blotting

Image 1. ABIN184699 staining (0.5µg/ml) of A431 lysate (RIPA buffer, 30µg total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.



Western Blotting

Image 2. ABIN184699 staining (2µg/ml) of Human Adrenal Gland lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.