

Datasheet for ABIN1533215  
**anti-BAK1 antibody (AA 1-50)**



[Go to Product page](#)

2 Images

2 Publications

## Overview

Quantity:	100 µL
Target:	BAK1
Binding Specificity:	AA 1-50
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BAK1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

## Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human Bak.
Isotype:	IgG
Specificity:	Bak Antibody detects endogenous levels of total Bak protein.
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using immunogen.
Purity:	> 95 %

## Target Details

Target:	BAK1
Alternative Name:	Bak ( <a href="#">BAK1 Products</a> )
Background:	Synonyms: Bcl-2 homologous antagonist/killer, Apoptosis regulator BAK, Bcl-2-like 7 protein,

## Target Details

	BAK1, BAK, BCL2L7 NCBI Gene Symbol: BAK1
Molecular Weight:	23 kDa
Gene ID:	578
OMIM:	600516
UniProt:	<a href="#">Q16611</a> , <a href="#">Q13014</a>
Pathways:	<a href="#">Apoptosis</a> , <a href="#">Steroid Hormone Mediated Signaling Pathway</a> , <a href="#">ER-Nucleus Signaling</a> , <a href="#">Positive Regulation of Endopeptidase Activity</a> , <a href="#">Unfolded Protein Response</a>

## Application Details

Application Notes:	WB: 1:500~1:1000 IHC: 1:50~1:100 ELISA: 1:10000
Comment:	Unigene-Number: Hs.485139 (NCBI Gene Symbol: BAK1)
Restrictions:	For Research Use only

## Handling

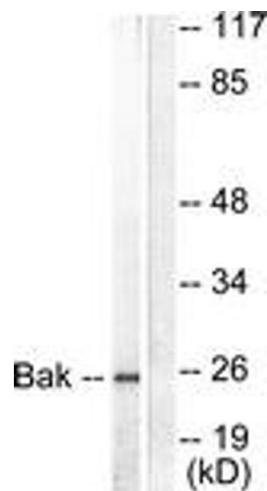
Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months

## Publications

Product cited in:	Plötz, Gillissen, Hossini, Daniel, Eberle: "Disruption of the VDAC2-Bak interaction by Bcl-x(S) mediates efficient induction of apoptosis in melanoma cells." in: <b>Cell death and differentiation</b> , Vol. 19, Issue 12, pp. 1928-38, (2012) ( <a href="#">PubMed</a> ).
-------------------	--

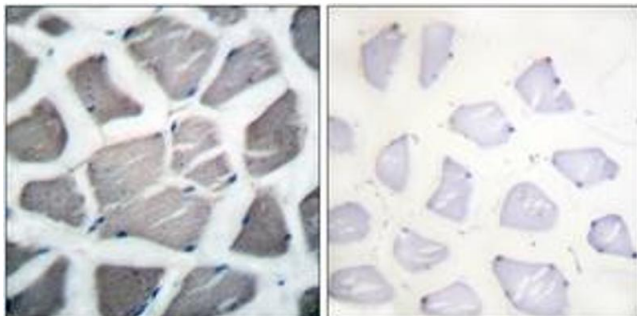
Plötz, Hossini, Gillissen, Daniel, Stockfleth, Eberle: "Mutual regulation of Bcl-2 proteins independent of the BH3 domain as shown by the BH3-lacking protein Bcl-x(AK)." in: **PLoS ONE**, Vol. 7, Issue 4, pp. e34549, (2012) ([PubMed](#)).

## Images



### Western Blotting

**Image 1.** Western blot analysis of extracts from 293 cells, using Bak Antibody. The lane on the right is treated with the synthesized peptide.



### Immunohistochemistry

**Image 2.** Immunohistochemistry analysis of paraffin-embedded human skeletal muscle tissue, using Bak Antibody. The picture on the right is treated with the synthesized peptide.