

## BID Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP00897
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	20ul, 50ul, 100ul
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human BID. AA range:44-93
<b>Mol wt</b>	21995
<b>Species reactivity</b>	Human, Mouse
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB, IHC-p, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	BID Antibody
<b>Synonyms</b>	BID; BH3-interacting domain death agonist; p22 BID; BID

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

### Background

BID encodes a death agonist that heterodimerizes with either agonist BAX or antagonist BCL2. BH3-interacting domain death agonist is a member of the BCL-2 family of cell death regulators. It is a mediator of mitochondrial damage induced by caspase-8 (CASP8); CASP8 cleaves BH3-interacting domain death agonist, and the COOH-terminal part translocates to mitochondria where it triggers cytochrome c release. Multiple alternatively spliced transcript variants have been found, but the full-length nature of some variants has not been defined.

### Recommended Dilution

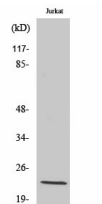
WB: 1: 500 - 1: 2000

IHC: 1: 100 - 1: 300

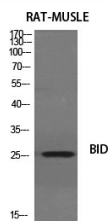
ELISA: 1: 10000

Not yet tested in other applications.

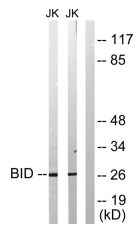
### Images



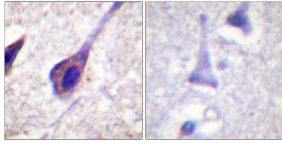
Western Blot analysis of Jurkat cells using BID Polyclonal Antibody diluted at 1:1000



Western Blot analysis of various cells using BID Polyclonal Antibody diluted at 1:1000



Western blot analysis of lysates from Jurkat cells treated with H<sub>2</sub>O<sub>2</sub> 100uM 30', using BID Antibody. The lane on the right is blocked with the synthesized peptide.



Immunohistochemistry analysis of paraffin-embedded human brain, using BID Antibody. The picture on the right is blocked with the synthesized peptide.

### Storage

-20°C for one year

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