



BID rabbit pAb

Cat No.:ES1769

For research use only

Overview

Product Name	BID rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human BID. AA range:44-93
Specificity	BID Polyclonal Antibody detects endogenous levels of BID protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	BH3-interacting domain death agonist
Gene Name	BID
Cellular localization	Cytoplasm . Mitochondrion membrane . Mitochondrion outer membrane . When uncleaved, it is predominantly cytoplasmic. .; [BH3-interacting domain death agonist p15]: Mitochondrion membrane . Translocates to mitochondria as an integral membrane protein. .; [BH3-interacting domain death agonist p13]: Mitochondrion membrane . Associated with the mitochondrial membrane. .; [Isoform 1]: Cytoplasm .; [Isoform 3]: Cytoplasm .; [Isoform 2]: Mitochondrion membrane . A significant proportion of isoform 2 localizes to mitochondria, it may be cleaved constitutively. .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal

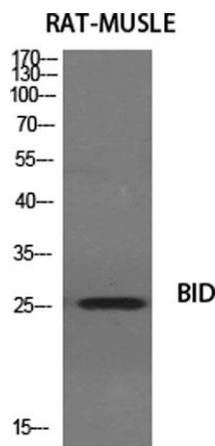




Concentration	1 mg/ml
Observed band	25kD
Human Gene ID	637
Human Swiss-Prot Number	P55957
Alternative Names	BID; BH3-interacting domain death agonist; p22 BID; BID

Background

This gene encodes a death agonist that heterodimerizes with either agonist BAX or antagonist BCL2. The encoded protein 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 this encoded protein, 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. [provided by RefSeq, Jul 2008],



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

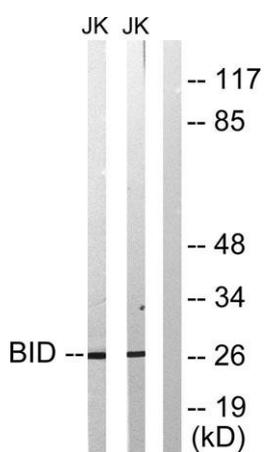
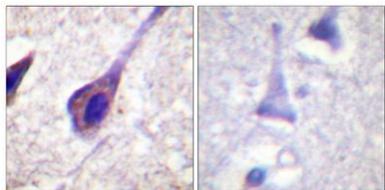


Western Blot analysis of Jurkat cells using BID Polyclonal Antibody diluted at 1:1000





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



Western blot analysis of lysates from Jurkat cells treated with H₂O₂ 100uM 30', using BID Antibody. The lane on the right is blocked with the synthesized peptide.

