

BID (phospho Ser78) rabbit pAb

Cat No.: ES7131

For research use only

Overview

Product Name BID (phospho Ser78) rabbit pAb

Host species Rabbit
Applications IHC;IF;ELISA
Species Cross-Reactivity Human;Mouse

Recommended dilutions WB 1:500-2000 ,Immunohistochemistry: 1/100 -

1/300. ELISA: 1/5000. Not yet tested in other

applications.

Immunogen The antiserum was produced against synthesized

peptide derived from human BID around the phosphorylation site of Ser78. AA range:44-93 Phospho-BID (S78) Polyclonal Antibody detects

Specificity Phospho-BID (S78) Polyclonal Antibody detect endogenous levels of BID protein only when

phosphorylated at S78.

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. .; [

Purification The antibody was affinity-purified from rabbit

antiserum by affinity-chromatography using

epitope-specific immunogen.

Clonality Polyclonal Concentration 1 mg/ml

Observed band

Human Gene ID 637 Human Swiss-Prot Number P55957

Alternative Names BID; BH3-interacting domain death agonist; p22 BID;



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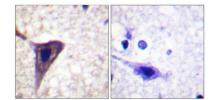


Background

BID

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],

Immunohistochemistry analysis of paraffin-embedded human brain, using BID (Phospho-Ser78) Antibody. The picture on the right is blocked with the phospho peptide.



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