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Product datasheet for TA306177

BID Rabbit Polyclonal Antibody

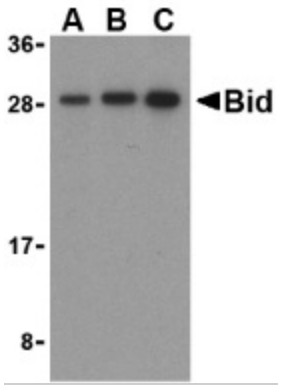
Product data:

Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	WB: 0.5 - 2 ug/mL, ICC: 2 ug/mL, IF: 10 ug/mL
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Bid antibody was raised against a peptide corresponding to 14 amino acids near the carboxy-terminus of human Bid.
Formulation:	PBS containing 0.02% sodium azide.
Concentration:	1ug/ul
Purification:	Ion exchange chromatography purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	BH3 interacting domain death agonist
Database Link:	AAH36364 Entrez Gene 637 Human P55957
Background:	Apoptosis plays a major role in normal organism development, tissue homeostasis, and removal of damaged cells. Disruption of this process has been implicated in a variety of diseases such as cancer (reviewed in 1). The Bcl-2 family of proteins is comprised of critical regulators of apoptosis that can be divided into two classes: those that inhibit apoptosis and those that promote cell death (reviewed in 2 and 3). Bid, a pro-apoptotic Bcl-2 family member, is cleaved by caspase-8 in response to apoptotic signals (4,5), exposing the Bcl-2 homology 3 (BH3) domain which is normally buried in the full-length protein (6). The cleaved complex is myris-toylated and translocated to the mitochondrial membrane where it may induce mitochondrial Bax and Bak to oligomerize (7,8).

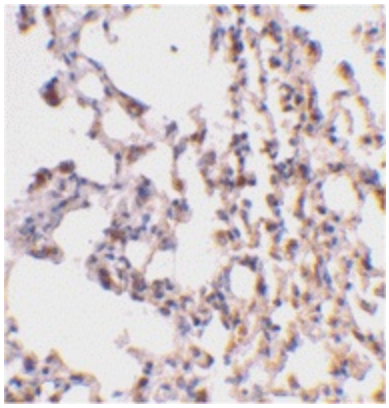
View online »

Synonyms: FP497

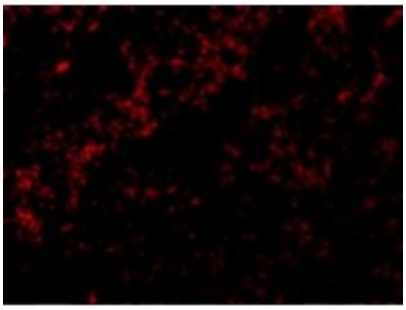
Product images:



Western blot analysis of Bid in mouse lung cell lysates with Bid antibody at (A) 0.5, (B) 1, and (C) 2 ug/ml.



Immunohistochemical staining of mouse lung tissue using Bid antibody at 2 ug/ml.



Immunofluorescence of Bid in Mouse Lung cells with Bid antibody at 10 ug/mL.