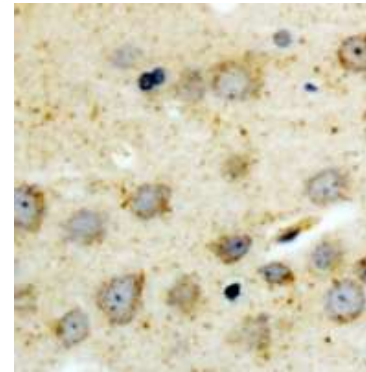


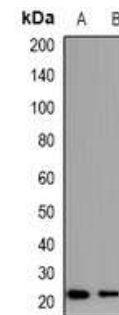
Phospho-BID (Ser78) Antibody

CATALOG NO:	A1152-100
ALTERNATIVE NAMES:	BH3-interacting domain death agonist, p22 BID, BID
AMOUNT:	100 µl
IMMUNOGEN:	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human BID
HOST/ISOTYPE:	Rabbit IgG
CLONALITY:	Polyclonal
SPECIFICITY:	Recognizes endogenous levels of BID (pS78) protein
SPECIES REACTIVITY:	Human, Mouse and Rat
PURIFICATION:	The antibody was purified by affinity chromatography
FORM:	Liquid
FORMULATION:	Supplied in 0.42% Potassium phosphate; 0.87% Sodium chloride; pH 7.3; 30% glycerol and 0.01% sodium azide
STORAGE CONDITIONS:	Shipped at 4°C. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles
DESCRIPTION:	Bid, a BH3 domain-containing proapoptotic Bcl-2 family member, is localized in the cytosolic fraction of cells as an inactive precursor. Its active form is generated upon proteolytic cleavage by caspase-8 in the Fas signaling pathway. Cleaved Bid translocates to mitochondria and releases its potent proapoptotic activity, which in turn induces cytochrome c release and mitochondrial damage. The cytochrome c releasing activity of Bid was antagonized by Bcl-2. Mutation in the SH3 domain can diminish the cytochrome c releasing activity. In the animal model studies, Bid-deficient mice are found resistant to the lethal effects of death factor signals relayed through Fas.
APPLICATION:	WB; 1:500 – 1:2000, IHC; 1:50 – 1:200

Note: This information is only intended as a guide. The optimal dilutions must be determined by the user.



Immunohistochemical analysis of BID (pS78) staining in human brain formalin fixed paraffin embedded tissue section.



Western blot analysis of BID (pS78) expression in mouse spleen (A); rat spleen (B) whole cell lysates

RELATED PRODUCTS:

- Bcl-2 Antibody (Cat. No. 3033-30T, -100)
- Bcl-2 Antibody (Clone Bcl-2/100) (Cat. No. 3195-100)
- Bad Antibody (Cat. No. 3005-100)
- Caspase 1 Antibody (Cat. No. 6687-100)
- Bid Antibody (Cat. No. 3172-100)
- Bid Antibody (Cat. No. 3272-100)
- Bid Blocking Peptide (Cat. No. 3171-100)
- Bid Blocking Peptide (Cat. No. 3271-100)

FOR RESEARCH USE ONLY! Not to be used on humans.