



Magic™ Anti-BAD (Phospho S118) polyclonal antibody (DPABH-26168)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	Promotes cell death. Successfully competes for the binding to Bcl-X(L), Bcl-2 and Bcl-W, thereby affecting the level of heterodimerization of these proteins with BAX. Can reverse the death repressor activity of Bcl-X(L), but not that of Bcl-2 (By similarity). Appears to act as a link between growth factor receptor signaling and the apoptotic pathways.
Target	BAD
Immunogen	Synthetic phosphopeptide conjugated to KLH, corresponding to amino acid residues surrounding S118 of Human Bad.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	WB, IHC-P
Format	Liquid
Size	100 µl
Buffer	Constituent: 99% PBS
Preservative	0.09% Sodium Azide
Storage	Store at 4°C short term (1-2 weeks). Aliquot and store at -20°C long term. Avoid repeated

freeze / thaw cycles.

GENE INFORMATION

Gene Name	BAD BCL3-associated agonist of cell death [Homo sapiens]
Official Symbol	BAD
Synonyms	BAD; BCL2-associated agonist of cell death; BBC2; BCL2L8; bcl2 antagonist of cell death; bcl2-L-8; BCL2-binding protein; bcl-2-like protein 8; BCL2-binding component 6; bcl-2-binding component 6; BCL-X/BCL-2 binding protein; BCL2-antagonist of cell death protein; bcl-XL/Bcl-2-associated death promoter;
Entrez Gene ID	572
Protein Refseq	NP_004313.1
UniProt ID	A0A024R562
Pathway	AKT phosphorylates targets in the cytosol; Activation of BH3-only proteins; Acute myeloid leukemia; Alpha-synuclein signaling
Function	cysteine-type endopeptidase activator activity involved in apoptotic process; lipid binding; phospholipid binding; protein binding