BAD(Phospho-Ser155) Antibody

Catalog No: #11069

Package Size: #11069-1 50ul #11069-2 100ul #11069-4 25ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	BAD(Phospho-Ser155) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatogramphy using non-phosphopeptide.
Applications	WB IHC
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous level of BAD only when phosphorylated at serine 155.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of serine 155(R-M-S(p)-D-E) derived from Human BAD.
Target Name	BAD
Modification	Phospho-Ser155
Other Names	Bbc2; AI325008
Accession No.	Swiss-Prot: Q61337NCBI Gene ID: 12015NCBI mRNA: NM_007522.2NCBI Protein: NP_031548.1
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

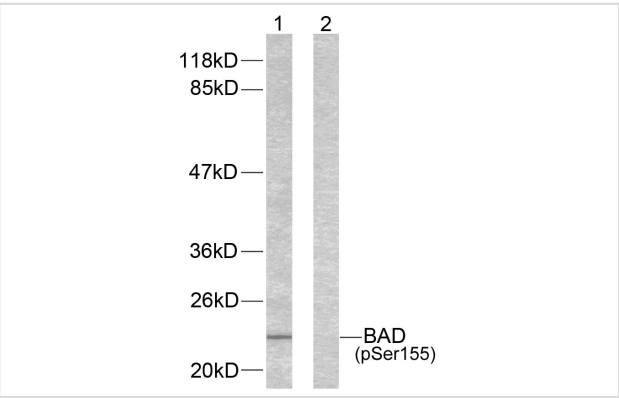
Application Details

Predicted MW: 23kd

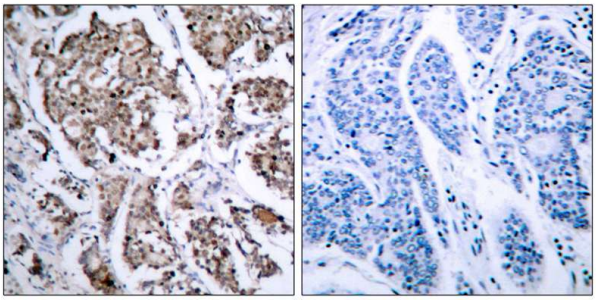
Western blotting: 1:500

Immunohistochemistry: 1:50~1:100

Images



Western blot analysis of extracts from 293 cells using BAD (phospho-Ser155) antibody (#11069).



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using BAD (phospho- Ser155) antibody (#11069).

Background

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. Appears to act as a link between growth factor receptor signaling and the apoptotic pathways.

Schurmann A., Mooney A.F., Sanders L.C., Sells M.A., Wang H.G., Reed J.C., Bokoch G.M.Mol. Cell. Biol. 20:453-461(2000)

Jakobi R., Moertl E., Koeppel M.A.J. Biol. Chem. 276:16624-16634(2001)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.