



BCL-XL (Phospho-Ser62) Antibody

#11066

Catalog Number: 11066-1, 11066-2

Amount: 50 µg/50 µl, 100 µg/100 µl

Swiss-Prot No. : Q07817

Form of Antibody: Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Storage/Stability: Store at -20°C/1 year

Immunogen: The antiserum was produced against synthesized phosphopeptide derived from human BCL-XL around the phosphorylation site of serine 62 (A-D-S^P-P-A).

Purification: The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site

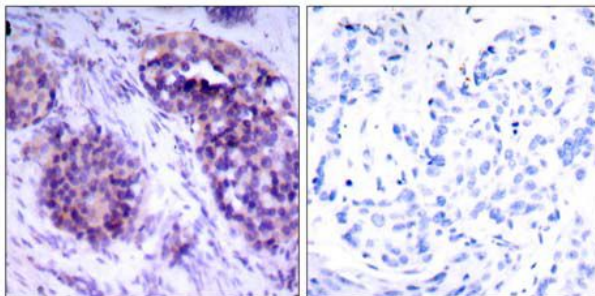
Specificity/Sensitivity: BCL-XL (phospho-Ser62) antibody detects endogenous levels of BCL-XL only when phosphorylated at serine 62.

Reactivity: Human, Mouse, Rat

Applications:

Predicted MW: 30kd

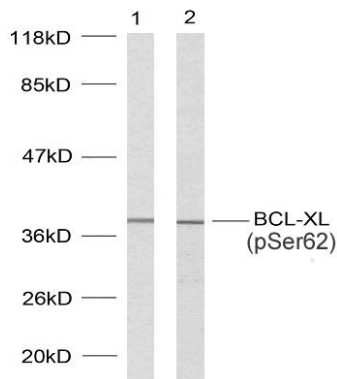
WB: 1:500~1:1000 IHC: 1:50~1:100 IF: 1:100~1:200



P-Peptide —

+

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using BCL-XL (phospho-Ser62) antibody (#11066).



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$$\text{UV} \quad + \quad +$$

Western blot analysis using BCL-XL (phospho- Ser62) antibody (#11066).

Background :

Potent inhibitor of cell death. Isoform Bcl-X(L) anti-apoptotic activity is inhibited by association with SIVA isoform 1. Inhibits activation of caspases By similarity. Appears to regulate cell death by blocking the voltage-dependent anion channel (VDAC) by binding to it and preventing the release of the caspase activator, cytochrome c, from the mitochondrial membrane. The Bcl-X(S) isoform promotes apoptosis

References:

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Sattler M. et.al. (1997), Science 275:983-986.
Muchmore S.W.et.al (1996).Nature 381:335-341
Yu J., Zhang L. Mol. (2001)Cell 7:673-682