



## ANOGEN - A Division of YES Biotech Laboratories Ltd.

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### Rabbit Anti-Phospho Bcl-xL (Thr115) Polyclonal Antibody Datasheet

Product Name: pAb Rabbit anti-Phospho-Bcl-xL (Thr115)		Catalogue No.: AI70003D	Quantity: 0.5 mg/vial
<b>Description:</b>	Rabbit anti-Threonine 115 phosphorylated Bcl-xL polyclonal antibody	<b>Background:</b>	Bcl-xL is a prosurvival factor in the Bcl-2 family. It is a mitochondrial outer membrane protein that regulates the voltage-dependent anion channels (VDAC), and controls the production of reactive oxygen species and the release of cytochrome C. Bcl-xL gene knock-out resulted in embryonic lethality in animal model due to neuronal apoptosis and erythroid apoptosis. Bcl-xL is believed to be involved with the survival and differentiation of erythroid cells, iron metabolism and hemoglobin synthesis.
<b>Purification:</b>	Protein G affinity purified		
<b>Product Type:</b>	Primary antibody		
<b>Target Protein:</b>	Threonine 115 phosphorylated Bcl-xL.		
<b>Immunogen:</b>	A synthetic peptide (TSQLHIT <sub>p</sub> PGTAY) derived from Threonine 115 phosphorylated Bcl-xL, conjugated with KLH for immunization		
<b>Specificity:</b>	This antibody is reactive to the synthetic Bcl-xL peptide (TSQLHIT <sub>p</sub> PGTAY).	<b>Applications:</b>	<b>ELISA:</b> The antibody, when 1:10,000 - 1:100,000 diluted, can detect the Threonine 115 phosphorylated Bcl-xL coated on ELISA plate.  Other applications have not been evaluated.
<b>Species Reactivity:</b>	Human and other species with consensus Bcl-xL peptide (TSQLHIT <sub>p</sub> PGTAY)		
<b>Host</b>	Rabbit		
<b>Formulation:</b>	Lyophilized in pH 7.4, 0.01M PBS.	<b>References:</b>	If research is published using this product, please inform Anogen in order to cite the reference on this datasheet. Anogen will provide one unit of product in the same category as gratitude.
<b>Reconstitution:</b>	Double distilled water is recommended to adjust the final concentration to 1.00mg/mL.		
<b>Storage:</b>	Store at -20°C		
<b>Research Area:</b>	Life science research, apoptotic signalling		

This product is for **LABORATORY RESEARCH USE** and further manufacture **ONLY**, and cannot be administrated to human and animals for use in diagnostic and therapeutic procedures.

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