



Rabbit polyclonal antibody to human Bax (68-81): Affinity purified

Catalogue No.:	R-1041-100
Description:	Bax is a member of the Bcl-2 family of proteins which act as anti- or pro-apoptotic regulators. Bax forms a heterodimer with Bcl-2 and functions as an apoptotic activator by accelerating programmed cell death. Bax expression is regulated by the tumor suppressor p53 and has been shown to be involved in p53-mediated apoptosis. A number of Bax isoforms are produced from alternative splicing.
Batch No.:	See product label
Unit size:	100 ug
Antigen:	A synthetic peptide (DELDSNMELQRMIA) corresponding to a region (68-81) from human Bax isoform alpha. To enhance the immunological response, this peptide was coupled to carrier protein BSA.
Other Names:	Apoptosis regulator BAX; Bcl-2-like protein 4; BCL2L4; Bcl2-L-4;
Accession:	Q07812 BAX_HUMAN;
Produced in:	Rabbit
Purity:	Affinity purified on antigen column
Applications:	Western Blotting (WB). A concentration of 1.0-2.0 ug/mL is recommended for WB. Human Bax (isoform alpha) has a predicted length of 192 amino acids and MW of 21 kDa. Biosensis recommends optimal dilutions/concentrations should be determined by the end user.
Specificity:	The specificity of this antibody has been confirmed by WB against the antigen.
Cross-reactivity:	Human; mouse; rat;
Form:	Lyophilised with 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg NaN ₃
Reconstitution:	Reconstitute in 100 uL of sterile distilled water to achieve an antibody concentration of 1 mg/mL. Centrifuge to remove any insoluble material.
Storage:	At least 12 months after purchase at 2-8C (lyophilized formulations). After reconstitution, aliquot and store at -20C for a higher stability. Avoid freeze-thaw cycles
Expiry Date:	12 months after purchase

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