



Anti-BCL2L1 (full length) polyclonal antibody (DPAB-DC2692)

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

PRODUCT INFORMATION

Antigen Description	The protein encoded by this gene belongs to the BCL-2 protein family. BCL-2 family members form hetero- or homodimers and act as anti- or pro-apoptotic regulators that are involved in a wide variety of cellular activities. The proteins encoded by this gene are located at the outer mitochondrial membrane, and have been shown to regulate outer mitochondrial membrane channel (VDAC) opening. VDAC regulates mitochondrial membrane potential, and thus controls the production of reactive oxygen species and release of cytochrome C by mitochondria, both of which are the potent inducers of cell apoptosis. Two alternatively spliced transcript variants, which encode distinct isoforms, have been reported. The longer isoform acts as an apoptotic inhibitor and the shorter form acts as an apoptotic activator.
Immunogen	BCL2L1 (AAH19307, 1 a.a. ~ 233 a.a) full-length recombinant protein with GST tag. The sequence is MSQSNRELVVDFLSYKLSQKGYSWSQFSDVEENRTEAPEGTESEMETPSAINGNPSWHLA DSPAVNGATGHSSSLDAREVIPMAAVKQALREAGDEFELRYRRAFSDLTSQLHITPGTAY QSFEQVVNELFRDGVNWGRIVAFFSFGGALCVESVDKEMQVLVSRIAAMATYLNHLEP WIQENGGWDTFVELYGNNAEAESRKGQERFNRWFLTGMTVAGVVLLGSLFSRK
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None

Storage

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	BCL2L1 BCL2-like 1 [Homo sapiens (human)]
Official Symbol	BCL2L1
Synonyms	BCL2L1; BCL2-like 1; BCLX; BCL2L; BCLXL; BCLXS; Bcl-X; bcl-xL; bcl-xS; PPP1R52; BCL-XL/S; bcl-2-like protein 1; apoptosis regulator Bcl-X; protein phosphatase 1, regulatory subunit 52;
Entrez Gene ID	598
Protein Refseq	NP_001182
UniProt ID	Q07817
Chromosome Location	20q11.21
Pathway	Amyotrophic lateral sclerosis (ALS); Apoptosis Modulation and Signaling; Chronic myeloid leukemia; HTLV-I infection
Function	BH3 domain binding; identical protein binding; protein binding; protein heterodimerization activity