German Research Products - GRP GmbH

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Product Datasheet

BCL2L1 Polyclonal Antibody GRP383

Description Potent inhibitor of cell death. Inhibits activation of caspases.

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, CYC1, from the mitochondrial membrane. Also acts as a regulator of G2 checkpoint and progression to cytokinesis during mitosis. Isoform Bcl-X(L) also regulates presynaptic plasticity, including neurotransmitter release and recovery, number of axonal mitochondria as well as size and number of synaptic vesicle clusters. During synaptic stimulation, increases ATP availability from mitochondria through regulation of mitochondrial membrane ATP synthase F(1)F() activity and regulates endocytic vesicle retrieval in hippocampal neurons through association with DMN1L and stimulation of its GTPase activity in synaptic vesicles. Isoform Bcl-X(S) promotes

apoptosis.

Species/Host Rabbit

Reactivity Human, Mouse, Rat

Conjugation Unconjugated

Tested Applications ELISA, IHC-P, WB

Immunogen KLH conjugated synthetic peptide derived from human BCL2L1

(public_immunogen_range: 70-120/233)

Form/Appearance Aqueous buffered solution containing 1% BSA, 50% glycerol and

0.09% sodium azide.

Concentration 1ug/ul

Storage Store at -20°C for 12 months.

Note For research use only.

Isotype IgG

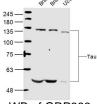
Clonality Polyclonal

Purity Purified by Protein A.

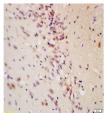
Uniprot ID Q07817

Entrez 598

Dilution Range WB: 1:300-1000, ELISA: 1:500-1000, IHC-P: 1:200-400



WB of GRP383



IHC-P of GRP383