

Recombinant**DGRmAb®****Bcl-XL (DGR31954) Rabbit mAb****db14392****Package : 10µL 20µL 50µL 100µL****Product Name :** Bcl-XL (DGR31954) Rabbit mAb**Cat.No.:** db14392**Synonyms :** BCLX; BCL2L; Bcl-X; PPP1R52; BCL-XL/S**Application :** WB, IHC-P, IP**Reactivity :** Human,Mouse,Rat**Host species :** Rabbit**Background**

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. Alternative splicing results in multiple transcript variants encoding two different isoforms. The longer isoform acts as an apoptotic inhibitor and the shorter isoform acts as an apoptotic activator. [provided by RefSeq, Dec 2015]

Immunogen

Recombinant protein of human Bcl-XL

Gene ID

598

Swiss Prot

Q07817

Synonyms

BCLX; BCL2L; Bcl-X; PPP1R52; BCL-XL/S

Reactivity

Human,Mouse,Rat

Application

WB, IHC-P, IP

Recommended dilution

WB: 1:2000-1:20000

IHC-P: 1:200-1:2000

IP: 1:50-1:100

Calculated MW

26 kDa

Observed MW

30 kDa

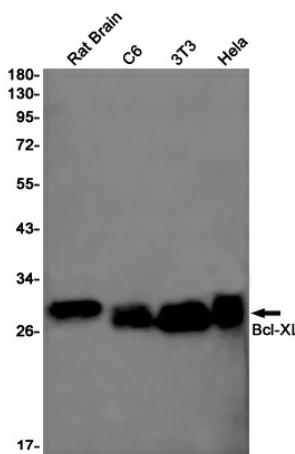
Host species

Rabbit

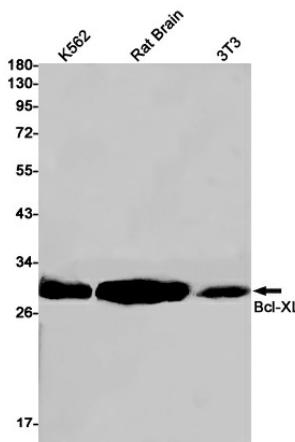
Clonality

Monoclonal

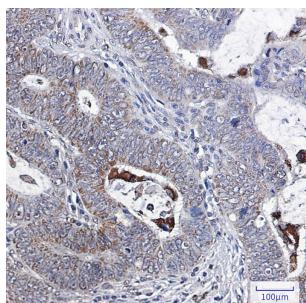
Clonality No.	DGR31954
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



Western blot detection of Bcl-XL in Rat Brain,C6,3T3,HeLa cell lysates using Bcl-XL antibody(1:1000 diluted).



Western blot detection of Bcl-XL in K562,Rat Brain,3T3 cell lysates using Bcl-XL antibody(1:1000 diluted).



Immunohistochemical analysis of paraffin-embedded human colon cancer using db14392 antibody.