

Anti-BCL2 Polyclonal Antibody

Product Details

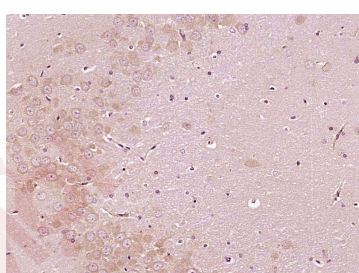
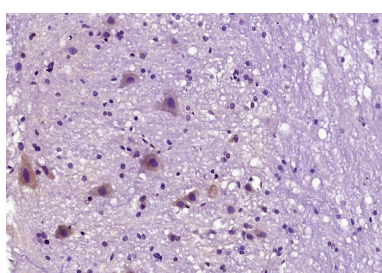
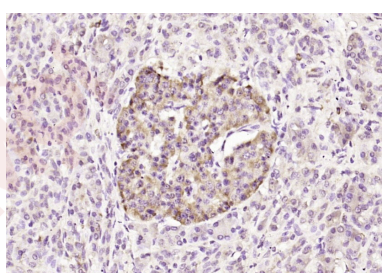
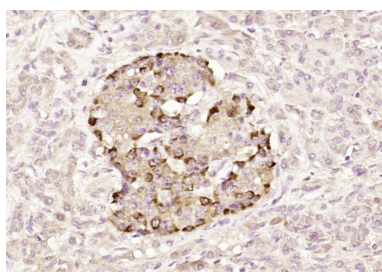
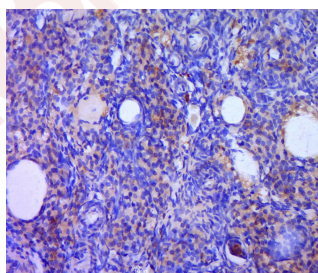
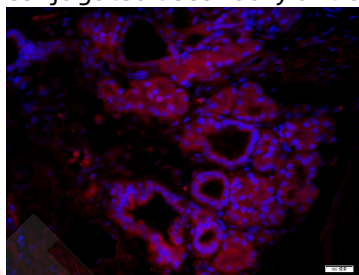
Ig Type:	IgG
Reactivity:	Human,Mouse,Rat (predicted:Chicken)
Molecular Weight:	Theoretical: 26 kDa. Actual: 26 kDa.
Purification:	Protein A purified

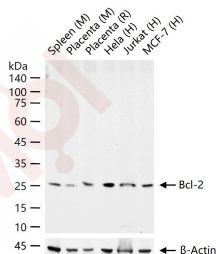
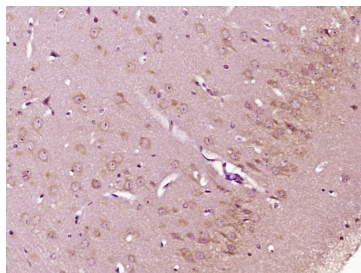
Applications

Verified Activity:

1. Paraformaldehyde-fixed, paraffin embedded (Rat thyroid gland); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 min; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (B cell lymphoma 2; Bcl-2) Polyclonal Antibody, Unconjugated (TMAB-00196) at 1:200 overnight at 4°C, followed by a conjugated secondary antibody for 90 minutes and DAPI for nucleus staining.
2. Paraformaldehyde-fixed, paraffin embedded (rat ovary tissue); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 min; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (Bcl-2) Polyclonal Antibody, Unconjugated (TMAB-00196) at 1:400 overnight at 4°C, followed by a conjugated secondary for 20 min and DAB staining.
3. Paraformaldehyde-fixed, paraffin embedded (human pancreatic cancer); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 min; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (Bcl-2) Polyclonal Antibody, Unconjugated (TMAB-00196) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.
4. Paraformaldehyde-fixed, paraffin embedded (human pancreatic cancer); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 min; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (Bcl-2) Polyclonal Antibody, Unconjugated (TMAB-00196) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.
5. Paraformaldehyde-fixed, paraffin embedded (Rat spinal cord); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 min; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (Bcl-2) Polyclonal Antibody, Unconjugated (TMAB-00196) at 1:400 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.
6. Paraformaldehyde-fixed, paraffin embedded (Rat brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 min; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (Bcl-2) Polyclonal Antibody, Unconjugated (TMAB-00196) at 1:400 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.
7. Paraformaldehyde-fixed, paraffin embedded (Mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 min; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (Bcl-2) Polyclonal Antibody, Unconjugated (TMAB-00196) at 1:400 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.

8. 25 µg total protein per Lane of various lysates probed with Bcl-2 polyclonal antibody, unconjugated (TMAB-00196) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at RT for 60 min.





Application: ELISA,IF,IHC-Fr,IHC-P,WB

Recommended ELISA=1:5000-10000; IF=1:200-500; IHC-Fr=1:200-500; IHC-P=1:200-500; WB=1:1000-5000

Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

Antigen Details

Immunogen: KLH conjugated synthetic peptide: human Bcl-2

Antigen Species: Human

Gene ID: 596

Uniprot ID: P10415

Synonyms: B-cell CLL/lymphoma 2;PPP1R50;Bcl-2

Biology Area: Cellular metabolic process,Response to hypoxia,Bcl 2 family,Metabolism,Bcl 2 family,Cell survival & death,Oncoproteins,Bcl2 Family,Apoptosis marker and proteins ELISA kits,Apoptosis, Hypoxia,Mitochondrial markers,Cancer,Mitochondrial

Research Background

The Bcl-2 gene was isolated at the chromosomal breakpoint of t(14;18)-bearing follicular B cell lymphomas(1,2).Bcl-2 blocks cell death following a variety of stimuli and confers a death-sparing effect to certain hematopoietic cell lines following growth factor withdrawal (3,5).Bcl-2 appears to function in several subcellular locations yet lacks any known motifs that would confer insight into its mechanism of action (6,7).A more recently identified protein, designated Bax p21(i.e., Bcl-associated X protein),has extensive amino acid homology with Bcl-2 and both homodimerizes and forms heterodimers with Bcl-2(8). Overexpression of Bax accelerates apoptotic death induced by cytokine deprivation in an IL-3 dependent cell line and Bax also counters the death repressor activity of Bcl-2(8).

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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