

## Anti-BRUCE BIRC6 Antibody

Catalog Number: A01773

### About BIRC6

Apoptosis, or programmed cell death, is related to many diseases, such as cancer. Apoptosis is triggered by a variety of stimuli including members in the TNF family and can be prevented by the inhibitor of apoptosis (IAP) proteins. IAP proteins form a conserved gene family that binds to and inhibits cell death proteases. BRUCE, also known as BIRC6, is an IAP family member protein with a BIR (baculoviral inhibition of apoptosis protein repeat) domain and a UBCc (ubiquitin-conjugating enzyme E2, catalytic) domain. BRUCE regulates p53 and the mitochondrial pathway of apoptosis by facilitating the degradation of apoptotic proteins such as Caspase-9 and SMAC by ubiquitination.

### Overview

Product Name	Anti-BRUCE BIRC6 Antibody
Reactive Species	Human
Description	Boster Bio Anti-BRUCE BIRC6 Antibody (Catalog # A01773). Tested in ELISA, IHC-P applications. This antibody reacts with Human.
Application	ELISA, IHC-P
Clonality	Polyclonal
Formulation	BRUCE Antibody is supplied in PBS containing 0.02% sodium azide.
Storage Instructions	BRUCE antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Host	Rabbit
Uniprot ID	Q9NR09

### Technical Details

Immunogen	BRUCE antibody was raised against a 17 amino acid synthetic peptide near the carboxy terminus of human BRUCE. The immunogen is located within amino acids 4760 - 4810 of BRUCE.
Predicted Reactive Species	Mouse
Cross Reactivity	BRUCE antibody is human specific. Multiple isoforms of BRUCE are known to exist.
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	BRUCE Antibody is affinity chromatography purified via peptide column.

Suggested Dilutions

Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.

If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.

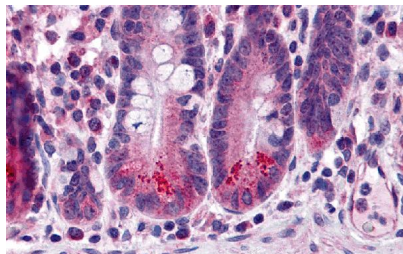
Some PubMed article(s) citing the expression level of this target are as follows:

Boster Bio's internal QC testing used BRUCE antibody can be used for detection of BRUCE by immunohistochemistry at 5 µg/mL. Antibody validated: Immunohistochemistry in human samples. All other applications and species not yet tested.

For protocols, please visit <https://www.bosterbio.com/protocol-and-troubleshooting/>

## Anti-BRUCE BIRC6 Antibody (A01773) Images

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Immunohistochemistry of BRUCE in human small intestine tissue with BRUCE antibody at 5  $\mu\text{g/mL}$ .

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