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Datasheet for ABIN6990463
anti-BIRC6 antibody (C-Term)

Overview

Quantity:	0.1 mg
Target:	BIRC6
Binding Specificity:	AA 4760-4810, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BIRC6 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product 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.
Isotype:	IgG
Specificity:	BRUCE antibody is human specific. Multiple isoforms of BRUCE are known to exist.
Purification:	BRUCE Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	BIRC6
Alternative Name:	BRUCE (BIRC6 Products)

Target Details

Background: BRUCE Antibody: 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.

Molecular Weight: 534 kDa

Gene ID: 57448

NCBI Accession: [NP_057336](#)

UniProt: [Q9NR09](#)

Application Details

Application Notes: 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.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: BRUCE Antibody is supplied in PBS containing 0.02 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, 4 °C

Storage Comment: 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.