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Product datasheet for TA319974

BIRC6 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 5 ug/mL
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	BRUCE antibody was raised against a 17 amino acid synthetic peptide near the carboxy terminus of human BRUCE.
Formulation:	BRUCE Antibody is supplied in PBS containing 0.02% sodium azide.
Concentration:	1ug/ul
Purification:	BRUCE Antibody is affinity chromatography purified via peptide column.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	534 kDa
Gene Name:	baculoviral IAP repeat containing 6
Database Link:	NP_057336 Entrez Gene 57448 Human Q9NR09
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.

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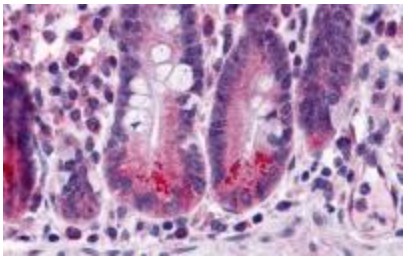
Synonyms: APOLLON; BRUCE

Protein Families: Druggable Genome

Protein Pathways: Ubiquitin mediated proteolysis

Product images:



Immunohistochemistry of BRUCE in human small intestine tissue with BRUCE antibody at 5 ug/mL.