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Product datasheet for TA306099

ILP2 (BIRC8) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IF, WB
Recommended Dilution:	WB: 1 ug/mL, ICC: 10 ug/mL, IF: 20 ug/mL
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	ILP-2 antibody was raised with against a synthetic peptide corresponding to amino acids near the amino terminus of human ILP-2.
Formulation:	PBS containing 0.02% sodium azide.
Purification:	Affinity chromatography purified via peptide column
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	baculoviral IAP repeat containing 8
Database Link:	NP_203127 Entrez Gene 112401 Human Q96P09
Background:	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 prevented by the inhibitor of apoptosis (IAP) proteins. IAP proteins form a conserved gene family including IAP, XIAP/ILP-1/MIHA, and Livin/KIAP that bind to and inhibits specific proteases. A novel member in the IAP protein family was recently identified and designated ILP-2 for IAP-like protein-2 (1). ILP-2 has high homology to ILP-1, but is encoded by a distinct gene that is solely expressed in testis of tested normal human tissues (1). ILP-2, unlike ILP-1, has no inhibitory effect on Fas and TNF induced apoptosis, but potently inhibits apoptosis induced by overexpression of Bax or by coexpression of caspase-9 with Apaf-1. ILP-2 interacts with the processed caspase-9. These results suggest that ILP-2 is a novel IAP family member with restricted specificity for caspase-9.

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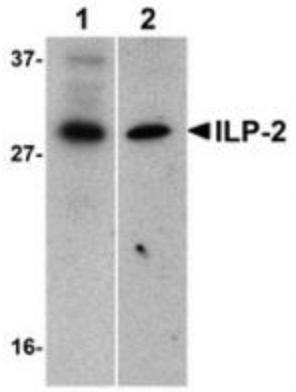
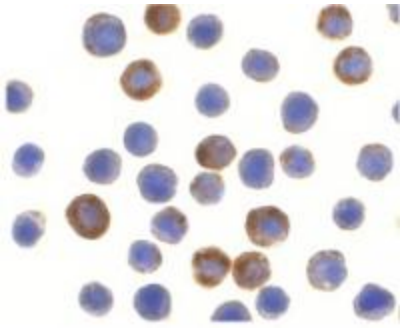
Synonyms: hILP2; ILP-2; ILP2

Protein Families: Druggable Genome

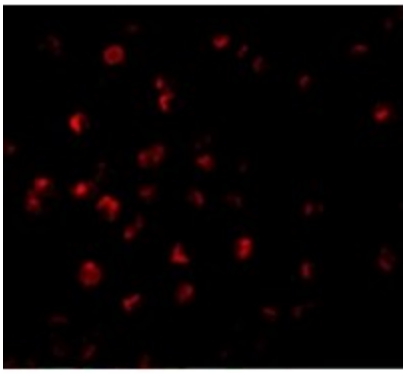
Product images:



Western blot analysis of ILP-2 expression in human HepG2 (lane 1) and MOLT4 (lane 2) cell lysates with ILP-2 antibody at 1 ug/mL.



Immunocytochemistry of ILP-2 in HepG2 cells with ILP-2 antibody at 10 ug/mL.



Immunofluorescence of ILP-2 in HepG2 cells with ILP-2 antibody at 20 ug/mL.