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Datasheet for ABIN872669
anti-ILP-2 antibody (AA 141-236)

Overview

Quantity:	100 µL
Target:	ILP-2 (BIRC8)
Binding Specificity:	AA 141-236
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ILP-2 antibody is un-conjugated
Application:	ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human ILP2
Isotype:	IgG
Cross-Reactivity:	Rat
Predicted Reactivity:	Human, Mouse, Chicken, Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	ILP-2 (BIRC8)
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Target Details

Alternative Name: ILP2 ([BIRC8 Products](#))

Background: Synonyms: Baculoviral IAP repeat containing 8, Baculoviral IAP repeat containing protein 8, Baculoviral IAP repeat-containing protein 8, BIRC 8, BIRC8, BIRC8 protein, BIRC8_HUMAN, hILP 2, hILP2, IAP like protein 2, IAP-like protein 2, ILP 2, ILP-2, Inhibitor of apoptosis like protein 2, Inhibitor of apoptosis-like protein 2, Testis specic inhibitor of apoptosis, Testis-specific inhibitor of apoptosis.

Background: Protects against apoptosis mediated by BAX. 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.

Gene ID: 112401

Application Details

Application Notes: ELISA 1:500-1000
IHC-P 1:200-400
IHC-F 1:100-500
IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Handling

Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months