

QED Bioscience Inc.

ADVANCED ANTIBODY TECHNOLOGIES

Livin Polyclonal Antibody

ORDERING INFORMATION

Catalog No.: 11006

Size: 100 ug IgG in PBS, pH 7.4,
purified by immunoaffinity
chromatography.

SPECIFICATION SUMMARY

Antigen: Peptide corresponding to aa
264-280 of the short form and aa 281-
298 of the long form of human Livin.

Host Species: Rabbit

Stabilizers: None

Preservatives: 0.02% sodium azide

SPECIFICITY

This antibody recognizes human Livin, a novel member of the IAP protein family. Livin contains a single baculoviral IAP repeat domain and a RING finger domain and has two isoforms, Livin- α and Livin- β . Transfection of Livin in cells results in protection from apoptosis induced by FADD, Bax, RIP, RIP3, and DR6. Livin interacts directly with caspase-3, -7, and -9 and inhibits the activation of caspase-9 induced by Apaf-1, cytochrome c, and dATP.

APPLICATIONS

Immunoblotting: use at 2-4 ug/ml. In immunoblots, a band of 33 kD is detected. A weak band at 30 kD is detected in Raji cell lysate and probably represents the short form of human Livin.

Positive control: Raji cell lysate.

DILUTION INSTRUCTIONS

Dilute in PBS or medium which is identical to that used in the assay system.

STORAGE AND STABILITY

This antibody is stable for at least one (1) year at -20°C. Avoid multiple freeze-thaw cycles.

For in vitro investigational use only. Not for use in therapeutic or diagnostic procedures.