

PERP Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 253396

Unit: 0.1 mg

Description:

The p53 tumor-suppressor gene integrates numerous signals that control cell life and death. Several novel molecules involved in p53 network, including Chk2, p53R2, p53AIP1, Noxa, PIDD, PID/MTA2, MTBP and PERP, were identified and their genes were cloned recently. PERP, also termed PIGPC1 and THW, is a plasma membrane protein. p53 binds to the promoter of PERP and transcriptionally activates PERP gene then the translated PERP protein mediates the p53 induced apoptosis. The expression of PERP causes cell death. PERP is a mediator of p53 induced apoptosis. PERP has sequence similarity to PMP-22/gas3 and is a new member of the PMP-22/gas3 family.

Isotype: Rabbit Ig

Applications: E, ICC, WB

Species Reactivity: H

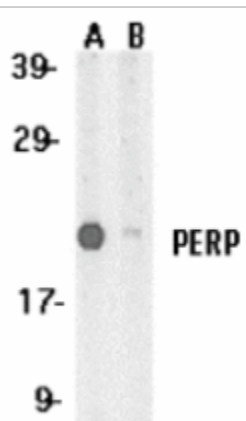
Format: Each vial contains 0.1 ml IgG in PBS pH 7.4 with 0.02% sodium azide. Antibody was purified by DEAE chromatography.

Alternate Names: PERP; p53 apoptosis effector related to PMP-22; Keratinocyte-associated protein 1; P53-induced protein PIGPC1; Transmembrane protein THW; KCP1; KRTCAP1; PIGPC1

Accession No.: np_071315

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human PERP.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; ICC: 1:100-1:500



Western blot analysis of PERP expression in A431 whole cell lysates in the absence (A) and presence (B) of blocking peptide with PERP antibody at 1 ug/ml.

Storage: Store at -20°C. Minimize freeze-thaw cycles. Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.