

DAPK2

Synthetic Human Death-Associated Protein Kinase 2 (aa 356-370) Blocking Peptide

Catalog No. PX087BP **Quantity:** 50 µg

Alternate Names: DRP1, DRP-1

Description: Amino acids 356 to 370 of human DAPK2.

This gene encodes a protein that belongs to the serine/threonine protein kinase family. This protein contains a N-terminal protein kinase domain followed by a conserved calmodulin-binding domain with significant similarity to that of death-associated protein kinase 1 (DAPK1), a positive regulator of programmed cell death. Overexpression of this gene was shown to induce cell apoptosis. It uses multiple polyadenylation sites.

Gene ID: 23604

Application: The peptide is used for blocking the antibody activity of DAP kinase 2. The peptide with equal volume of antibody for 30 min at 37°C usually completely blocks the antibody activity in Western blotting.

Formulation: It is supplied as 200 µg/ml, 50 µg/vial, in PBS pH7.2 (10 mM NaH₂PO₄, 10 mM, Na₂HPO₄, 130 mM NaCl) containing 0.1% bovine serum albumin and 0.02% sodium azide.. **Precaution:** Sodium azide is a poisonous and hazardous substance which should be handled by trained staff only.

Sequence: NH₂-ARRKALHPRRRSSTS-OH

Storage & Stability: Store at -20°C, stable for one year.

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

