

# Phospho-Caspase-9 (T125) Polyclonal Antibody

## Description

Product type Primary Antibody

Code BT-PHS00598

**Host** Rabbit

Isotype IgG

Size 20ul, 50ul, 100ul

Immunogen The antiserum was produced against synthesized peptide derived from human Caspase 9 around the

phosphorylation site of Thr125. AA range:91-140

Mol wt 46281

Species reactivity Human, mouse, rat

**Clonality** Polyclonal

Recommended application WB, IHC-p, ELISA

Concentration 1 mg/ml

Full name Phospho-Caspase-9 (T125) Antibody

Synonyms CASP9; MCH6; Caspase-9; CASP-9; Apoptotic protease Mch-6; Apoptotic protease-activating factor 3;

APAF-3; ICE-like apoptotic protease 6; ICE-LAP6

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

### Background

CASP9 encodes a member of the cysteine-aspartic acid protease (caspase) family. Sequential activation of caspases plays a central role in the execution-phase of cell apoptosis. Caspases exist as inactive proenzymes which undergo proteolytic processing at conserved aspartic residues to produce two subunits, large and small, that dimerize to form the active enzyme. Caspase 9 can undergo autoproteolytic processing and activation by the apoptosome, a protein complex of cytochrome c and the apoptotic peptidase activating factor 1; this step is thought to be one of the earliest in the caspase activation cascade. Caspase 9 is thought to play a central role in apoptosis and to be a tumor suppressor.

Alternative splicing results in multiple transcript variants.

#### **Recommended Dilution**

WB: 1: 500 - 1: 2000 IHC: 1: 100 - 1: 300 ELISA: 1: 5000

Not yet tested in other applications.

## **Images**

No images.

#### Storage

-20°C for one year