

Caspase-9 Polyclonal Antibody

Catalog # AP68846

Product Information

Application WB Primary Accession P55211

Reactivity Human, Monkey

HostRabbitClonalityPolyclonalCalculated MW46281

Additional Information

Gene ID 842

Other Names CASP9; MCH6; Caspase-9; CASP-9; Apoptotic protease Mch-6; Apoptotic

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

Dilution WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/5000. Not yet tested in other

applications.

Format Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium

azide.

Storage Conditions -20°C

Protein Information

Name CASP9

Synonyms MCH6

Function Involved in the activation cascade of caspases responsible for apoptosis

execution. Binding of caspase-9 to Apaf-1 leads to activation of the protease which then cleaves and activates effector caspases caspase-3 (CASP3) or caspase-7 (CASP7). Promotes DNA damage- induced apoptosis in a ABL1/c-Abl-dependent manner. Proteolytically cleaves poly(ADP-ribose) polymerase (PARP). Cleaves BIRC6 following inhibition of BIRC6-caspase binding by DIABLO/SMAC (PubMed:36758105, PubMed:36758106).

Tissue Location Ubiquitous, with highest expression in the heart, moderate expression in

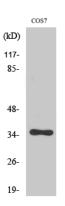
liver, skeletal muscle, and pancreas. Low levels in all other tissues. Within the

heart, specifically expressed in myocytes.

Background

Involved in the activation cascade of caspases responsible for apoptosis execution. Binding of caspase-9 to Apaf- 1 leads to activation of the protease which then cleaves and activates caspase-3. Promotes DNA damage-induced apoptosis in a ABL1/c-Abl-dependent manner. Proteolytically cleaves poly(ADP- ribose) polymerase (PARP).

Images



Western Blot analysis of various cells using Caspase-9 Polyclonal Antibody diluted at 1:500

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.