

Caspase-9 Polyclonal Antibody(Capture/Detector)

catalog number: AN000870P

Note: Centrifuge before opening to ensure complete recovery of vial contents.

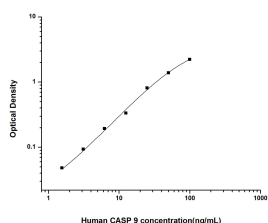
Description

Reactivity	Human;Mouse;Rat
Immunogen	Recombinant Human Caspase-9 protein expressed by E.coli
Host	Rabbit
Isotype	Rabbit IgG
Purification	Antigen Affinity Purification
Buffer	Phosphate buffered solution, pH 7.2, containing 0.05% proclin 300.

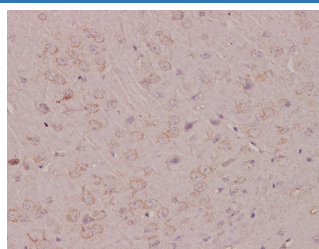
Applications Recommended Dilution

ELISA Capture	2-8 µg/mL
ELISA Detector	0.1-0.4 µg/mL
IHC	1:200-1:400

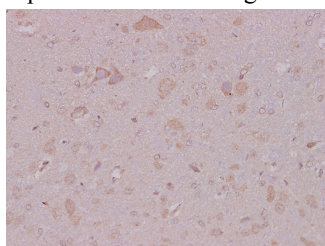
Data



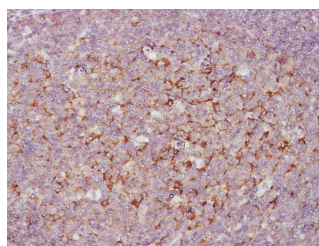
Sandwich ELISA-Recombinant Human Caspase-9 protein standard curve. Background subtracted standard curve using Caspase-9 antibody(AN000870P)(Capture), Caspase-9 antibody(AN000870P)(Detector) in sandwich ELISA. The reference range value for Recombinant Human Caspase-9 protein is 1.56-100 ng/mL.



Immunohistochemistry of paraffin-embedded Mouse brain using Caspase-9 Polyclonal Antibody at dilution of 1:400.



Immunohistochemistry of paraffin-embedded Rat brain using Caspase-9 Polyclonal Antibody at dilution of 1:400.



Immunohistochemistry of paraffin-embedded Human tonsil using Caspase-9 Polyclonal Antibody at dilution of 1:400.

Preparation & Storage

Storage	Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

Background

For Research Use Only

Caspase 9, apoptosis-related cysteine protease (CASP9, synonyms: MCH6, APAF3, APAF-3, ICE-LAP6, CASPASE-9c) is 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 2 subunits, large and small, that dimerize to form the active enzyme. Caspase 9 is processed by caspase APAF1; this step is thought to be one of the earliest in the caspase activation cascade.

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