# **Elabscience**®

## 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 Ecoli
Host	Rabbit
Isotype	Rabbit IgG
Purification	Antigen Affinity Purification
Conjugation	Unconjugated
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
НС	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





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



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

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.

### For Research Use Only

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### Background

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. Capase 9 is processed by caspase APAF1; this step is thought to be one of the earliest in the caspase activation cascade.