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Anti-Caspase-3 (N-terminal region) Antibody
Catalog # AN1668

Specification

Anti-Caspase-3 (N-terminal region) Antibody - Product Information

Application	**WB**
Primary Accession	P42574
Host	**Mouse**
Clonality	**Mouse Monoclonal**
Isotype	**IgG2a**
Calculated MW	**31608**

Anti-Caspase-3 (N-terminal region) Antibody - Additional Information

Gene ID **836**

Other Names
Caspase, -3, CPP-32, Apoptain, Yama, SCA-1, CASP-2, NEDD2, ICH-1, p18, p13, p12

Target/Specificity
The caspases are a group of cysteine enzymes, which cleave proteins in response to intrinsic and extrinsic pathways that cause apoptotic cell death. The caspases can be grouped into two subgroups based on their roles in apoptosis. Initiator caspases (caspases 2, 8, 9, and 10) are activated through the apoptosis-signaling pathways and activate the effector caspases (caspases 3, 6, and 7) which carry out apoptosis. Caspase cascades are initiated through assembly of multiprotein complexes that trigger activation of the initiator caspases, which are then released and are able to activate the downstream effector caspases.

Dilution
WB~~1:1000

Format
Protein A Purified

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
Anti-Caspase-3 (N-terminal region) Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Shipping
Blue Ice

Anti-Caspase-3 (N-terminal region) Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

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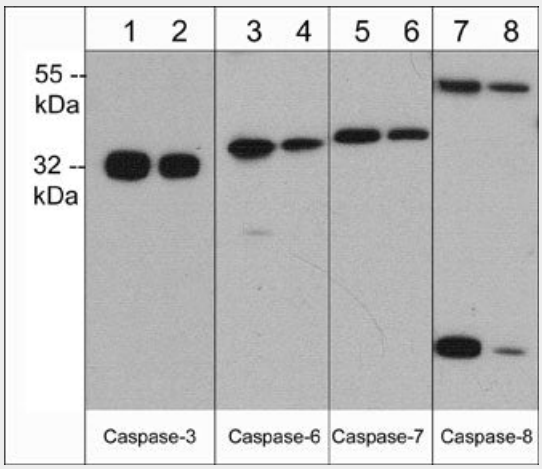
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Anti-Caspase-3 (N-terminal region) Antibody - Images



Western blot analysis of Caspase expression in human Jurkat cells. The blot was probed with anti-Caspase-3 at 1:500 (lane 1) and 1:1000 (lane 2), anti-Caspase-6 at 1:250 (lane 3) and 1:500 (lane 4), anti-Caspase-7 at 1:500 (lane 5) and 1:1000 (lane 6), as well as anti-Caspase-8 at 1:250 (lane 7) and 1:500 (lane 8).

Anti-Caspase-3 (N-terminal region) Antibody - Background

The caspases are a group of cysteine enzymes, which cleave proteins in response to intrinsic and extrinsic pathways that cause apoptotic cell death. The caspases can be grouped into two subgroups based on their roles in apoptosis. Initiator caspases (caspases 2, 8, 9, and 10) are activated through the apoptosis-signaling pathways and activate the effector caspases (caspases 3, 6, and 7) which carry out apoptosis. Caspase cascades are initiated through assembly of multiprotein complexes that trigger activation of the initiator caspases, which are then released and are able to activate the downstream effector caspases.