Caspase-3 polyclonal antibody

The caspases are a family of cysteine proteases that cleave after certain aspartate residues, and are primarily recognized as mediators of apoptosis. caspases are synthesized as inactive zymogens that can be cleaved to form active enzymes following the induction of apoptosis by stress or death receptors. Initiator caspases (e.g. caspase-8 and -10) are activated by dimerization of the zymogen on a dedicated adaptor protein. These activated initiator caspases in-turn cleave downstream effector or ?executioner? caspases (e.g. caspase-3, -6, and -7) in a cascade-like manner, which cleave key cellular proteins that lead to the morphological changes associated with apoptotic cell death.

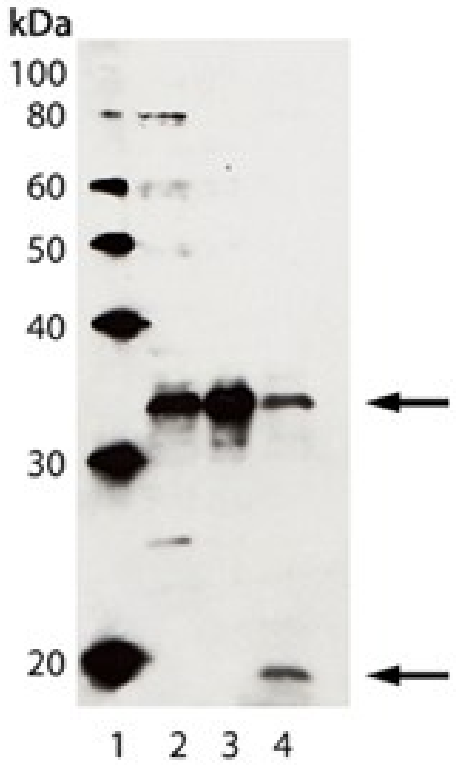
This antibody is covered by our Worry-Free Guarantee.

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ADI-AAS-103-D	50µl
ADI-AAS-103-F	200µl

Manuals, SDS & CofA View Online »



Western Blot Analysis of Caspase-3, pAb (Prod. No. ADI-AAS-103): Lane 1:MW Marker; Lane 2: HeLa Cell Lysate (Prod. No. ADI-LYC-HL100); Lane 3: Jurkat Cell Lysate (Prod. No. ADI-LYC-JK100); Lane 4: Jurkat + Staurosporine

Handling & Storage

Handling	Avoid freeze/thaw cycles.
Long Term Storage	-20°C
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Application	WB
Application Notes	Detects a band of ~36kDa by Western blot.
Formulation	Liquid. Antiserum.
GenBank ID	U26943
Host	Rabbit
Immunogen	Synthetic peptide corresponding to a portion of human caspase-3 . The sequence differs from rat caspase-3 by 1 aa and from mouse by 2 aa.
Recommendation Dilutions/Conditions	Western Blot (ECL, 1:5,000)Suggested dilutions/conditions may not be available for all applications.Optimal conditions must be determined individually for each application.
Source	Whole rabbit serum.
Species Reactivity	Bovine, Chicken, Dog, Guinea pig, Hamster, Human, Monkey, Mouse, Porcine, Rabbit, Rat, Sheep, Xenopus
UniProt ID	P42574
Worry-free Guarantee	**This antibody is covered by our Worry-Free Guarantee .**

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