

CASP3 Monoclonal Antibody

Catalog Number:E-AB-22213

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

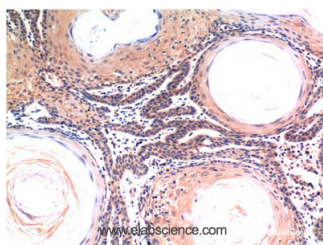
Description

Reactivity	Human,Mouse,Rat
Immunogen	Synthetic Peptide of Caspase-3
Host	Mouse
Isotype	IgG
Clone	Clone:5H10
Purification	Protein A purification
Formulation	PBS with 0.02% sodium azide, 0.5% protective protein and 50% glycerol, pH7.4

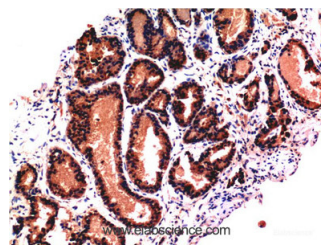
Applications Recommended Dilution

IHC	1:100-200
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Data



Immunohistochemistry of paraffin-embedded Human skin tissue using CASP3 Monoclonal Antibody at dilution of 1:200.



Immunohistochemistry of paraffin-embedded Human prostate tissue using CASP3 Monoclonal Antibody at dilution of 1:200.

Preparation & Storage

Storage	Store at -20°C. Avoid freeze / thaw cycles.
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Background

Involved in the activation cascade of caspases responsible for apoptosis execution. At the onset of apoptosis it proteolytically cleaves poly(ADP-ribose) polymerase (PARP) at a '216-Asp-Gly-217' bond. Cleaves and activates sterol regulatory element binding proteins (SREBPs) between the basic helix-loop-helix leucine zipper domain and the membrane attachment domain. Cleaves and activates caspase-6, -7 and -9. Involved in the cleavage of huntingtin.

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