

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

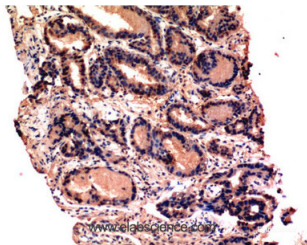
Description

| | |
|---------------------|--|
| Reactivity | Human, Mouse, Rat |
| Immunogen | Synthetic Peptide of Caspase-3 |
| Host | Mouse |
| Isotype | IgG |
| Clone | Clone: 4B8 |
| Purification | Protein A purification |
| Formulation | PBS with 0.02% sodium azide, 0.5% protective protein and 50% glycerol, pH7.4 |

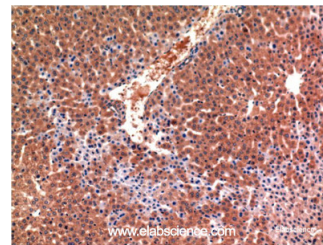
Applications Recommended Dilution

| | |
|------------|-----------|
| IHC | 1:100-200 |
|------------|-----------|

Data



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



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

Preparation & Storage

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

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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