

Caspase-3 (1B10) Mouse mAb

db6540

Package : 50µL 100µL

Product Name : Caspase-3 (1B10) Mouse mAb**Cat.No.:** db6540**Synonyms** : Caspase-3; CASP-3; Apopain; Cysteine protease CPP32; CPP-32; Protein Yama; SREBP cleavage activity 1; SCA-1; Caspase-3 subunit p17; Caspase-3 subunit p12; CASP3; CPP32**Application** : IHC-P**Reactivity** : Human, Rat, Mouse**Host species** : Mouse**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. Triggers cell adhesion in sympathetic neurons through RET cleavage.

Immunogen

Synthetic peptide conjugated to KLH

Gene ID

836

Swiss Prot

P42574

Synonyms

Caspase-3; CASP-3; Apopain; Cysteine protease CPP32; CPP-32; Protein Yama; SREBP cleavage activity 1; SCA-1; Caspase-3 subunit p17; Caspase-3 subunit p12; CASP3; CPP32

Reactivity

Human, Rat, Mouse

Application

IHC-P

Recommended dilution

IHC: 1:50-1:100

Host species

Mouse

Clonality

Monoclonal

Clonality No.

1B10-10E2-6A5

Isotype

IgG1

Purity

Affinity Purification

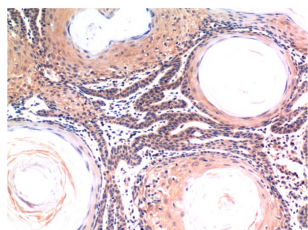
Conjugation

Un-conjugated

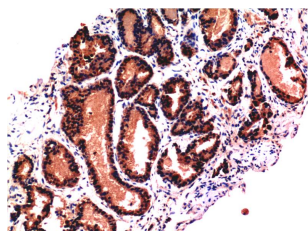
Storage Stability

Store at -20°C. Supplied in PBS, 50% Glycerol(pH 7.3), 0.02% sodium azide and 0.5% BSA .

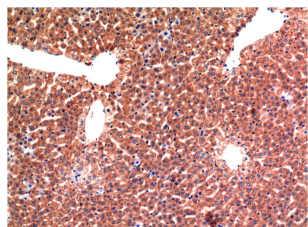
Stable for 12 months from date of receipt.



Immunohistochemistry analysis of paraffin-embedded Human Skin Tissue using Caspase 3 (1B10) antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Immunohistochemical analysis of paraffin-embedded Human tonsils using Caspase 3 (1B10) antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Immunohistochemistry analysis of paraffin-embedded mouse Liver Tissue using Caspase 3 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.