

**Caspase-3 (5H3) Mouse mAb**

db6539

Package : 50µL 100µL

**Product Name** : Caspase-3 (5H3) Mouse mAb**Cat.No.:** db6539**Synonyms** : CASP3; CPP32; Caspase-3; CASP-3; Apopain; Cysteine protease CPP32; CPP-32; Protein Yama; SREBP cleavage activity 1; SCA-1**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**

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

**Reactivity**

Human, Rat, Mouse

**Application**

IHC-P

**Recommended dilution**

IHC: 1:50-1:100

**Host species**

Mouse

**Clonality**

Monoclonal

**Clonality No.**

5H3-3H7-7G2

**Isotype**

IgG1

**Purity**

Affinity Purification

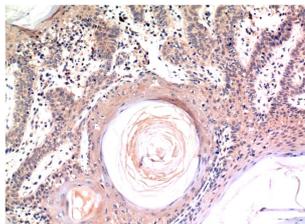
**Conjugation**

Un-conjugated

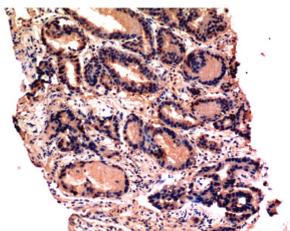
**Storage Stability**

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

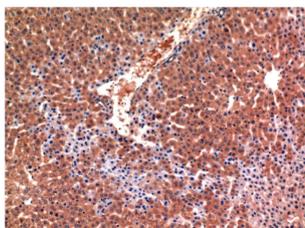
Stable for 12 months from date of receipt.



Immunohistochemistry analysis of paraffin-embedded Human Skin Tissue using Caspase 3 (5H3) 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 (5H3) 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.