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# **GOAT ANTI-CASPASE 3 ANTIBODY**

**SKU:** EB07286





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250kDa 150kDa 100kDa

75kDa

50kDa

37kDa

25kDa

20kDa

15kDa



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## **SPECIFICATIONS**

Formulation Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

**Unit Size** 100 μg

Storage

Aliquot and store at -20°C. Minimize freezing and thawing.

Synonym /

procaspase3|cysteine protease CPP32|apopain|Yama|SREBP cleavage activity 1|PARP cleavage

**Alias** 

protease|SCA-1|CPP32B|CPP32|caspase 3, apoptosis-related cysteine peptidase|HGNC:1504|caspase 3,

Names apoptosis-related cysteine protease|caspase 3|CASP3

Usage

<strong>Immunofluorescence:</strong> Strong expression of the protein seen in the cytoplasm of U251 cells. Recommended concentration: 10μg/ml. This antibody has been successfully used in ICC on Rat: Hóngyi Zhào

et al. (2018) PMID: 29853981.

Accession

Summary

NP\_004337.2; NP\_116786.1

**Blocking** 

ID

**Peptide** 

Peptide with sequence C-RDVSKEDHSKRS, from the internal region of the protein sequence according to **Immunogen** 

NP 004337.2; NP\_116786.1.

**Product** 

**Comments** 

This antibody is expected to recognise both reported isoforms (NP 004337.2 and NP 116786.1).

**Peptide** 

**Sequence** 

C-RDVSKEDHSKRS

Purification Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography

Method using the immunizing peptide.

**Shipping** 

Instructions

Refrigerated

836

EBP07286

**Predicted** 

**Species** 

Human, Mouse, Rat, Dog

Reactive

**Species** 

Human, Mouse, Rat

Human

Gene ID

**Product** 

https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite\_medium.png

Grade **ELISA** 

Detection

Antibody detection limit dilution 1:32000.

Limit

Approx 32kDa band observed in lysates of cell line MOLT4 and in Mouse Liver lysates (calculated MW of 31.6kDa according to Human NP\_004337.2 and 31.4kDa according to Mouse NP\_033940.1, NP\_001271338.1).

Western **Blot** 

An additional band of 65kDa was also consistently observed in MOLT4 and was successfully blocked by incubation with the immunizing peptide. Recommended concentration: 0.5-1µg/ml. Primary incubation 1 hour

at room temperature.

**Application** 

**Type** 

Pep-ELISA, WB, IF/ ICC



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#### **SELECTED REFERENCES**

[{"pmid": 29853981, "intro": "**This antibody has been successfully used in ICC on Rat:**", "title": "Troxerutin and Cerebroprotein Hydrolysate Injection Protects Neurovascular Units from Oxygen-Glucose Deprivation and Reoxygenation-Induced Injury In Vitro", "author": "Hóngyi Zhào, Yu Liu, Jing Zeng, Dandan Li, Weiwei Zhang, and Yonghua Huang", "journal": "Evidence-Based Complementary and Alternative Medicine, vol. 2018, Article ID 9859672, 10 pages, 2018"}]

#### **DOCUMENTS**

• Data Sheet

## **GALLERY IMAGES**



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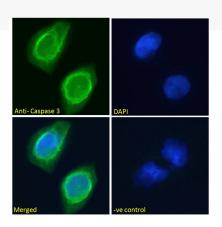
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