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GOAT ANTI-CASPASE 3 ANTIBODY

SKU: EB07286





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 Instructions	Aliquot and store at -20°C. Minimize freezing and thawing.
Synonym / Alias Names	procaspase3 cysteine protease CPP32 apopain Yama SREBP cleavage activity 1 PARP cleavage protease SCA-1 CPP32B CPP32 caspase 3, apoptosis-related cysteine peptidase HGNC:1504 caspase 3, apoptosis-related cysteine protease caspase 3 CASP3
Usage Summary	Immunofluorescence: 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 ID	NP_004337.2; NP_116786.1
Blocking Peptide	EBP07286
Immunogen	Peptide with sequence C-RDVSKEDHSKRS, from the internal region of the protein sequence according to 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 Method	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Shipping Instructions	Refrigerated
Predicted Species	Human, Mouse, Rat, Dog
Reactive Species	Human, Mouse, Rat
Human Gene ID	836
Product Grade	https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png
ELISA Detection Limit	Antibody detection limit dilution 1:32000.
Western Blot	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). 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



SELECTED REFERENCES

[{"pmid": 29853981, "intro": "**This antibody has been successfully used in ICC on Rat:**", "title": "Troloxerutin 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

