



Goat anti-Caspase 3 Antibody

Item Number	dAP-2472
Target Molecule	Principle Name: Caspase 3; Official Symbol: CASP3; All Names and Symbols: CASP3; caspase 3; caspase 3, apoptosis-related cysteine protease; HGNC:1504; caspase 3, apoptosis-related cysteine peptidase; CPP32; CPP32B; SCA-1; PARP cleavage protease; SREBP cleavage activity 1; Yama; apopain; cysteine protease CPP32; procaspase3; Accession Number (s): NP_004337.2; NP_116786.1; Human Gene ID(s): 836; Non-Human GeneID(s):
Immunogen	RDVSKEDHSKRS, is from internal region This antibody is expected to recognise both reported isoforms (NP_004337.2 and NP_116786.1).
Applications	Pep ELISA, WB Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 32000.
Western Blot	Western Blot: Approx 30kDa band observed in lysates of cell line MOLT4 (calculated MW of 31.6kDa according to NP_004337.2;). Recommended concentration: 1-3µg/ml. An additional band of unknown identity was also consistently observed at 65kDa. This band wa
IHC	
Reference	Reference(s): Liadis N, Murakami K, Eweida M, Elford AR, Sheu L, Gaisano HY, Hakem R, Ohashi PS, Woo M. Caspase-3-dependent beta-cell apoptosis in the initiation of autoimmune diabetes mellitus. Mol Cell Biol. 2005 May;25(9):3620-9. .PMID: 15831467 ->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**