



Goat anti-Caspase 12 (aa232-244) Antibody

Item Number	dAP-2701
Target Molecule	Principle Name: Caspase 12 (aa232-244); Official Symbol: CASP12; All Names and Symbols: CASP12; caspase 12 (gene/pseudogene); CASP-12; CASP12P1; OTTHUMP00000207026; OTTHUMP00000207028; OTTHUMP00000207029; OTTHUMP00000207031; OTTHUMP00000207032; OTTHUMP00000219058; caspase 12 pseudogene 1; inactive caspase-12; Accession Number (s): NP_001177945.1; Human Gene ID(s): 100506742; Non-Human GeneID(s):
Immunogen	TDSGKAGADTHGR, is from internal region
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 128000.
Western Blot	Western Blot: Approx 35kDa band observed in Human Heart lysates (calculated MW of 38.9kDa according to NP_001177945.1). Recommended concentration: 0.3-1µg/ml.
IHC	
Reference	Reference(s): Lee HJ, Lee SH, Park SH, Sharoar MG, Shin SY, Lee JS, Cho B, Park IS. Purification of catalytically active caspase-12 and its biochemical characterization. Arch Biochem Biophys. 2010 Oct 1;502(1):68-73..PMID: 20646990->

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**