

Goat anti-CASP4 Antibody

Item Number	dAP-0588
Target Molecule	Principle Name: CASP4; Official Symbol: CASP4; All Names and Symbols: CASP4; TX; ICH-2; Mih1/TX; ICEREL-II; ICE(rel)II; caspase 4, apoptosis-related cysteine protease; apoptotic cysteine protease Mih1/TX; caspase 4; Accession Number (s): NP_001216.1; NP_150649.1; Human Gene ID(s): 837; Non-Human GenelD(s):
Immunogen	CKERAEIYPIKERN, is from internal region This antibody is expected to recognise both isoforms of CASP4 (alpha, represented by NP_001216.1 and gamma, NP_150649.1).
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 16000.
Western Blot	Western Blot: Approx 40kDa band observed in Human Heart lysates (calculated MW of 43.3kDa according to NP_001216.1). Recommended concentration: 0.3-1µg/ml.
IHC	
Reference	Reference(s): Munday NA, Vaillancourt JP, Ali A, Casano FJ, Miller DK, Molineaux SM, Yamin TT, Yu VL, Nicholson DW. Molecular cloning and pro-apoptotic activity of ICERelII and ICERelIII, members of the ICE/CED-3 family of cysteine proteases. J Biol Chem. 1995 Jun 30;270(26):15870-6..PMID: 7797592->

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**