

Goat anti-Caspase 6 (alpha) Antibody

Item Number	dAP-2939
Target Molecule	Principle Name: Caspase 6 (alpha); Official Symbol: CASP6; All Names and Symbols: CASP6; caspase 6, apoptosis-related cysteine peptidase; MCH2; apoptotic protease MCH-2; caspase 6, apoptosis-related cysteine protease; caspase-6; Accession Number (s): NP_001217.2; NP_116787.1; Human Gene ID(s): 839; Non-Human GeneID(s): 12368 (mouse) 83584 (rat)
Immunogen	NRKVSQRRVDFCKDP, is from internal region This antibody is expected to recognize reproted isoform alpha (NP_001217.2) only. The immunizing peptide overlaps phosphorylated serine 257 and therefore this antibody is not expected to recognize the phos-
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 33kDa band observed in Human Colon lysates (calculated MW of 33.3kDa according to NP_001217.2). Recommended concentration: 0.5-1.5µg/ml.
IHC	
Reference	Reference(s): Stanger K, Steffek M, Zhou L, Pozniak CD, Quan C, Franke Y, Tom J, Tam C, Elliott JM, Lewcock JW, Zhang Y, Murray J, Hannoush RN. Allosteric peptides bind a caspase zymogen and mediate caspase tetramerization. Nature chemical biology 2012 Jul 8 (7): 655-60..PMID: 22683611->

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**