

Goat anti-CRYAB Antibody

Item Number	dAP-1243
Target Molecule	Principle Name: CRYAB; Official Symbol: CRYAB; All Names and Symbols: CRYAB; crystallin, alpha B; CRYA2; CTPP2; HSPB5; heat-shock 20 kD like-protein; Accession Number (s): NP_001876.1; Human Gene ID(s): 1410; Non-Human GeneID(s): 12955 (mouse) 25420 (rat)
Immunogen	RLEKDRFSVNLD, is from internal region
Applications	Pep ELISA, WB Species Tested: Mouse, Rat
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 22kDa band observed in Mouse and Rat Eye lysates (calculated MW of 20.1kDa according to Mouse NP_034094.1 and Rat NP_037067.1). Recommended concentration: 0.03-0.1-µg/ml.
IHC	
Reference	Reference(s): Ousman SS, Tomooka BH, van Noort JM, Wawrousek EF, O'conner K, Hafler DA, Sobel RA, Robinson WH, Steinman L. Protective and therapeutic role for alphaB-crystallin in autoimmune demyelination. Nature. 2007 Jun 13; [Epub ahead of print].PMID: 17568699 ->

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**