

Goat anti-CBFB Antibody

Item Number	dAP-2936
Target Molecule	Principle Name: CBFB; Official Symbol: CBFB; All Names and Symbols: CBFB; core-binding factor, beta subunit; PEBP2B; CBF-beta; PEA2-beta; PEBP2-beta; SL3-3 enhancer factor 1 beta subunit; SL3-3 enhancer factor 1 subunit beta; SL3/AKV core-binding factor beta subunit; core-binding factor subunit beta; polyomavirus enhancer; Accession Number (s): NP_074036.1; NP_001746.1; Human Gene ID(s): 865; Non-Human GeneID(s): 12400 (mouse)
Immunogen	EARRQQDPSPGSN, is from internal region (near C Terminus) This antibody is expected to recognize reported isoform 1 (NP_074036.1) only, however it is expected to recognize reported mouse isoforms 1 (NP_071704.3), 2 (NP_001154928.1) and 3 (NP_001154929.1).
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 2000.
Western Blot	Western Blot: Approx 22kDa band observed in lysates of cell line Daudi (calculated MW of 22.0kDa according to NP_074036.1). Recommended concentration: 0.3-1µg/ml.
IHC	
Reference	Reference(s): Hultquist JF, Binka M, LaRue RS, Simon V, Harris RS. Vif proteins of human and simian immunodeficiency viruses require cellular CBFβ to degrade APOBEC3 restriction factors. Journal of virology 2012 Mar 86 (5): 2874-7..PMID: 22205746->

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**