

## Goat anti-CBFB Antibody

<b>Item Number</b>	dAP-2936
<b>Target Molecule</b>	Principle Name: CBFB; Official Symbol: CBFB; All Names and Symbols: CBFB; core-binding factor, beta subunit; PEBP2B; CBF-beta; PE $\alpha$ 2-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 GenelD(s): 12400 (mouse)
<b>Immunogen</b>	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).
<b>Applications</b>	Pep ELISA, WB
	Species Tested: Human
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	Lyophilized powder of 50 $\mu$ g or 100 $\mu$ g IgG; Reconstitute IgG with 100 $\mu$ l or 200 $\mu$ l 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.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 2000.
<b>Western Blot</b>	Western Blot: Approx 22kDa band observed in lysates of cell line Daudi (calculated MW of 22.0kDa according to NP_074036.1). Recommended concentration: 0.3-1 $\mu$ g/ml.
<b>IHC</b>	
<b>Reference</b>	Reference(s): Hultquist JF, Binka M, LaRue RS, Simon V, Harris RS. Vif proteins of human and simian immunodeficiency viruses require cellular CBF $\beta$ 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 end users! This product is sold for **Research Use Only**