

Product datasheet for TA329190

CBFB Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for Anti-CBFB antibody is: synthetic peptide directed towards the N-terminal region of Human CBFB. Synthetic peptide located within the following region: MPRVVPDQRSKFENEEFFRKLSRECEIKYTGFRDRPHEERQARFQNACRD
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	21 kDa
Gene Name:	core-binding factor, beta subunit
Database Link:	NP_001746 Entrez Gene 865 Human Q13951



Background:	CBFB encodes a protein that is the beta subunit of a heterodimeric core-binding transcription factor belonging to the PEBP2/CBF transcription factor family which master-regulates a host of genes specific to hematopoiesis (e.g., RUNX1) and osteogenesis (e.g., RUNX2). The beta subunit is a non-DNA binding regulatory subunit; it allosterically enhances DNA binding by alpha subunit as the complex binds to the core site of various enhancers and promoters, including murine leukemia virus, polyomavirus enhancer, T-cell receptor enhancers and GM-CSF promoters.
Synonyms:	PEBP2B
Note:	Immunogen sequence homology: Dog: 100%; Pig: 100%; Rat: 100%; Human: 100%; Mouse: 100%; Bovine: 100%; Rabbit: 100%; Zebrafish: 100%; Yeast: 82%; Horse: 79%; Guinea pig: 79%
Protein Families:	Druggable Genome, Transcription Factors

Product images:


Host: Rabbit; Target Name: CBFB; Sample Tissue: Jurkat Whole Cell lysates; Antibody Dilution: 1.0ug/ml; CBFB is strongly supported by BioGPS gene expression data to be expressed in Human Jurkat cells