

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.

Note that this product is shipped as lyophilized powder to China customers.

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



OriGene Technologies, Inc. 9620 Medical Center Drive, Ste 200

Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com

EU: info-de@origene.com CN: techsupport@origene.cn

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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., RUNXI) 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.

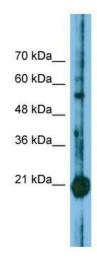
Synonyms: PEBP2B

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