



Rabbit Anti-CBFb antibody

SL6984R

Product Name:	CBFb
Chinese Name:	多瘤病毒增强了Binding protein2β抗体
Alias:	CBF b; CBF beta; CBF-beta; CBFbeta; Core binding factor beta subunit; core binding factor subunit beta; Core-binding factor subunit beta; PEA 2; PEA2; PEA2; PEA2 beta; PEA2beta; PEBB_HUMAN; PEBP 2B; PEBP2B; PEBP2 beta; PEBP2-beta; PEBP2B; PEBP2beta; Polyomavirus enhancer binding protein 2 beta subunit; SL3 3 enhancer factor 1 beta subunit; SL3 3 enhancer factor 1 subunit beta; SL3-3 enhancer factor 1 subunit beta; SL3/AKV core binding factor beta subunit.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Chicken,Dog,Cow,Horse,Rabbit,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:50-200 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	21kDa
Cellular localization:	The nucleus
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human CBFb/PEBP2B:85-182/182
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	CBF binds to the core site, 5'-PYGPGYGGT-3', of a number of enhancers and promoters, including murine leukemia virus, polyomavirus enhancer, T-cell receptor enhancers,

LCK, IL3 and GM-CSF promoters. CBFβ enhances DNA binding by RUNX1.

Function:

CBF binds to the core site, 5'-PYGPGGT-3', of a number of enhancers and promoters, including murine leukemia virus, polyomavirus enhancer, T-cell receptor enhancers, LCK, IL3 and GM-CSF promoters. CBFβ enhances DNA binding by RUNX1.

Subunit:

Heterodimer with RUNX1.

Subcellular Location:

Nucleus.

DISEASE:

Note=A chromosomal aberration involving CBFβ is associated with acute myeloid leukemia of M4EO subtype. Pericentric inversion inv(16)(p13;q22). The inversion produces a fusion protein that consists of the 165 N-terminal residues of CBF-β (PEPB2) with the tail region of MYH11.

Similarity:

Belongs to the CBF-β family.

SWISS:

Q13951

Gene ID:

865

Database links:

[Entrez Gene: 865](#)Human

[Entrez Gene: 12400](#)Mouse

[Entrez Gene: 361391](#)Rat

[Omim: 121360](#)Human

[SwissProt: Q13951](#)Human

[SwissProt: Q08024](#)Mouse

[Unigene: 460988](#)Human

[Unigene: 2018](#)Mouse

[Unigene: 7308](#)Rat

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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