

Rabbit anti-Human, Mouse CBFB Polyclonal Antibody | anti-CBFB antibody

CBFB Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA176337	Rabbit	Human, Mouse	ELISA, Immunohistochemistry, Western Blot

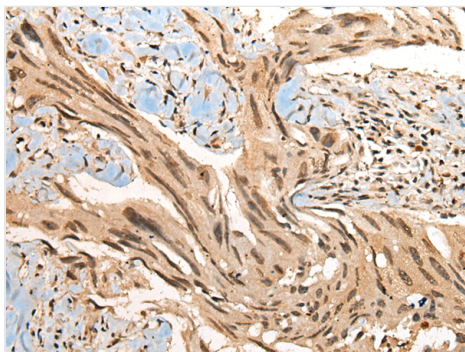
PRODUCT SYNONYMS

CBFB; Polyclonal Antibody; CBFB Polyclonal Antibody; 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 beta; PEA2-beta; PEA2beta; PEBB; PEBP 2B; PEBP2 beta; PEBP2-beta; PEBP2B; PEBP2beta; Polyomavirus enhancer binding protein 2 beta subunit; 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; SL3/AKV core-binding factor beta subunit; anti-CBFB antibody

PRODUCT SPECIFICATIONS

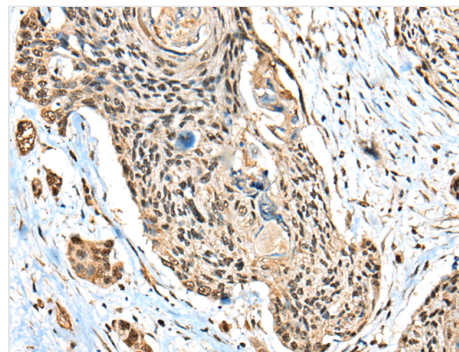
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purification
Form/Format	PBS with 0.05% NaN ₃ and 40% Glycerol, pH7.4
Concentration	0.6mg/mL (varies by lot)
Sequence Length	182
Applicable Applications for anti-CBFB antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Full length fusion protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



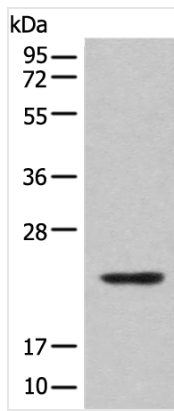
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human breast cancer tissue using CBFB Polyclonal Antibody at dilution of 1:40(×200)



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using CBFB Polyclonal Antibody at dilution of 1:40(×200)



WB (Western Blot)
 Western blot analysis of Mouse lung tissue lysate using CBFB Polyclonal Antibody at dilution of 1:400

ADDITIONAL INFORMATION

Related Product Information for anti-CBFB antibody	The protein encoded by this gene 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. Alternative splicing generates two mRNA variants, each encoding a distinct carboxyl terminus. In some cases, a pericentric inversion of chromosome 16 [inv(16)(p13q22)] produces a chimeric transcript consisting of the N terminus of core-binding factor beta in a fusion with the C-terminal portion of the smooth muscle myosin heavy chain 11. This chromosomal rearrangement is associated with acute myeloid leukemia of the M4Eo subtype. Two transcript variants encoding different isoforms have been found for this gene.
Product Categories/Family for anti-CBFB antibody	Cancer; Epigenetics and Nuclear Signaling

NCBI AND UNIPROT INFORMATION

NCBI GI #	13124873
NCBI GeneID	865
NCBI Accession #	NP_001746.1; BC018509
NCBI GenBank Nucleotide #	NP_001746.1
UniProt Accession #	Q13951
Molecular Weight	22 kDa
NCBI Official Full Name	core-binding factor subunit beta isoform 2
NCBI Official Synonym Full Names	core-binding factor subunit beta
NCBI Official Symbol	CBFB
NCBI Official Synonym Symbols	PEBP2B
NCBI Protein Information	core-binding factor subunit beta
UniProt Protein Name	Core-binding factor subunit beta
UniProt Gene Name	CBFB
UniProt Synonym Gene Names	CBF-beta; PEA2-beta; PEBP2-beta
UniProt Entry Name	PEBB_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/cbfb-antibody-immunohistochemistry-western-blot-elisa/176337>