

Rabbit anti-Human, Mouse CBF-beta (isoform 1) Polyclonal Antibody | anti-CBF-beta antibody

Rabbit anti-CBF-beta (isoform 1) Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA212219	Rabbit	Human, Mouse	Immunoprecipitation, Western Blot

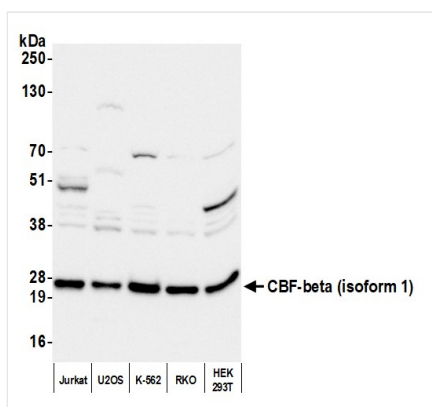
PRODUCT SYNONYMS

CBF-beta (isoform 1); Polyclonal Antibody; Rabbit anti-CBF-beta (isoform 1) Antibody; Affinity Purified; polyomavirus enhancer binding protein 2; beta subunit; SL3-3 enhancer factor 1 subunit beta; SL3-3 enhancer factor 1 beta subunit; Polyomavirus enhancer-binding protein 2 beta subunit; PEBP2-beta; PEA2-beta; core-binding factor subunit beta; core-binding factor beta subunit; CBF-beta; SL3/AKV core-binding factor beta subunit; PEBP2B; Core-binding factor subunit beta; anti-CBF-beta antibody

PRODUCT SPECIFICATIONS

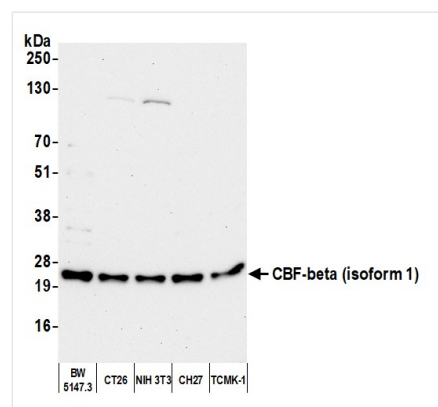
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-CBF-beta antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 137 and C-terminus of isoform 2
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



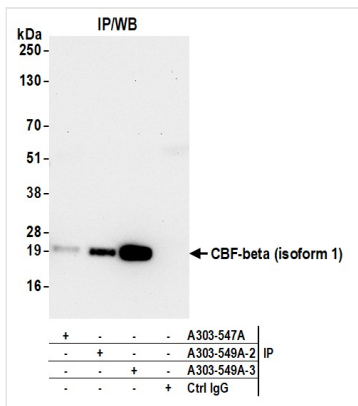
WB (Western Blot)

Detection of human CBF-beta (isoform 1) by western blot. Samples: Whole cell lysate (25 ug) from Jurkat, U2OS, K-562, RKO, and HEK293T cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-CBF-beta (isoform 1) antibody (AAA212219 lot 3) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 seconds.



WB (Western Blot)

Detection of mouse CBF-beta (isoform 1) by western blot. Samples: Whole cell lysate (10 ug) from BW5147.3, CT26, NIH 3T3, CH27, and TCMK-1 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-CBF-beta (isoform 1) antibody (AAA212219 lot 3) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 75 seconds.



IP (Immunoprecipitation)
 Detection of human CBF-beta (isoform 1) by western blot of immunoprecipitates. Samples: Whole cell lysate (1 mg per IP; 5% of IP loaded) from Jurkat cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-CBF-beta (isoform 1) antibody (AAA212219 lot 3) used for IP at 6 ug per reaction. CBF-beta (isoform 1) was also immunoprecipitated by a previous lot of this antibody (AAA212219 lot 2) and a second antibody against a different epitope of CBF-beta (isoform 1) . For blotting immunoprecipitated CBF-beta (isoform 1), AAA212219 was used at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 75 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-CBF-beta antibody	Core-binding factor subunit beta (CBF-beta) 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 [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/Q13951].
Product Categories/Family for anti-CBF-beta antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	13124873
NCBI GeneID	865
NCBI Accession #	NP_001746.1
NCBI GenBank Nucleotide #	NM_001755.2
UniProt Accession #	Q13951; Q13124; Q9HCT2; A8K347
Molecular Weight	21,508 Da
NCBI Official Full Name	core-binding factor subunit beta isoform 2
NCBI Official Synonym Full Names	core-binding factor, beta subunit
NCBI Official Symbol	CBFB
NCBI Official Synonym Symbols	PEBP2B
NCBI Protein Information	core-binding factor subunit beta; CBF-beta; PEA2-beta; PEBP2-beta; SL3-3 enhancer factor 1 beta subunit; SL3-3 enhancer factor 1 subunit beta; SL3/AKV core-binding factor beta subunit; polyomavirus enhancer-binding protein 2 beta subunit; polyomavirus enh
UniProt Protein Name	Core-binding factor subunit beta
UniProt Gene Name	CBFB
UniProt Synonym Gene Names	CBF-beta; PEA2-beta; PEBP2-beta

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/cbf-beta-isoform-1-antibody-immunoprecipitation-western-blot-elisa/212219>