

Rabbit anti-Human, Mouse CBFA1 Polyclonal Antibody | anti-CBFA1 antibody

CBFA1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA301414	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

CBFA1; Polyclonal Antibody; CBFA1 Antibody; Core-binding factor subunit alpha-1; CCD; AML3; CCD1; OSF2; OSF-2; PEA2aA; PEBP2A1; PEBP2A2; PEBP2aA; PEBP2aA1; anti-CBFA1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total CBFA1 protein.
Form/Format	Supplied at 0.8mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.3, 0.05% sodium azide and 50% glycerol.
Sequence Length	499
Applicable Applications for anti-CBFA1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to a region derived from 320-336 amino acids of Human Core-binding factor subunit alpha-1
Target Name	CBFA1
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded Human brain tissue using 31165(CBFA1 Antibody) at dilution 1/10, on the right is treated with the synthetic peptide.



Application Data

Gel: 10%SDS-PAGE
Lane1: Human renal cancer tissue lysate
Lane2: Human leg malignant fibrous histioma tissue lysate
Lysates: 10 ug per lane
Primary antibody: 1/400 dilution
Secondary antibody: Donkey anti Rabbit IgG - H&L (HRP) at 1/5000 dilution
Exposure time: 1 minute

ADDITIONAL INFORMATION

Related Product Information for anti-CBFA1 antibody

This gene is a member of the RUNX family of transcription factors and encodes a nuclear protein with an Runt DNA-binding domain. This protein is essential for osteoblastic differentiation and skeletal morphogenesis and acts as a scaffold for nucleic acids and regulatory factors involved in skeletal gene expression. The protein can bind DNA both as a monomer or, with more affinity, as a subunit of a heterodimeric complex. Mutations in this gene have been associated with the bone development disorder cleidocranial dysplasia (CCD). Transcript variants that encode different protein isoforms result from the use of alternate promoters as well as alternate splicing.

NCBI AND UNIPROT INFORMATION

NCBI GI #	66934969
NCBI GeneID	860
NCBI Accession #	NP_004339.3
NCBI GenBank Nucleotide #	NM_004348.3
Molecular Weight	54,249 Da
NCBI Official Synonym Full Names	runt-related transcription factor 2
NCBI Official Symbol	RUNX2
NCBI Official Synonym Symbols	CCD; AML3; CCD1; CLCD; OSF2; CBFA1; OSF-2; PEA2aA; PEBP2aA; CBF-alpha-1
NCBI Protein Information	runt-related transcription factor 2
UniProt Protein Name	Runt-related transcription factor 2
UniProt Gene Name	RUNX2
UniProt Synonym Gene Names	AML3; CBFA1; OSF2; PEBP2A; CBF-alpha-1; OSF-2; PEA2-alpha A; PEBP2-alpha A
UniProt Entry Name	RUNX2_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/cbfa1-antibody-immunohistochemistry-western-blot-elisa/301414>