

Datasheet for ABIN1385751
anti-EBF2 antibody (AA 331-400)[Go to Product page](#)

1 Publication

Overview

Quantity:	100 µL
Target:	EBF2
Binding Specificity:	AA 331-400
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EBF2 antibody is un-conjugated
Application:	ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunocytochemistry (ICC), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human EBF2
Isotype:	IgG
Predicted Reactivity:	Human, Mouse, Rat, Dog, Cow, Sheep, Pig, Horse, Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	EBF2
Alternative Name:	EBF2 (EBF2 Products)

Target Details

Background:	<p>Synonyms: COE 2, COE2, Collier Olf and EBF 2, Early B cell factor 2, EBF 2, FLJ11500, Metencephalon mesencephalon olfactory transcription factor 1, O/E 3, O/E3, OE 3, OE3, OLF 1/EBF like 3, Transcription factor COE2, COE2_HUMAN.</p> <p>Background: Early B-cell factor 2 is a 575 amino acid protein belonging to the COE family of proteins, whose members are all helix-loop-helix transcription factors. EBF2 is a transcription factor which, in synergy with the Wnt-responsive LEF1/CTNNB1 pathway, activates the decoy receptor for RANKL, OPG, in osteoblasts. OPG, in turn, regulates osteoclast differentiation. Lack of EBF2 has been found to cause a small defect in the terminal differentiation of osteoblasts, along with reduced bone mass and an increase in osteoclasts. Localized to the nucleus, EBF2 forms a homodimer or a heterodimer with a related family member.</p>
Gene ID:	64641
UniProt:	Q9HAK2

Application Details

Application Notes:	<p>ELISA 1:500-1000</p> <p>IHC-P 1:200-400</p> <p>IHC-F 1:100-500</p> <p>IF(IHC-P) 1:50-200</p> <p>IF(IHC-F) 1:50-200</p> <p>IF(ICC) 1:50-200</p> <p>ICC 1:100-500</p>
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Handling

Expiry Date: 12 months

Publications

Product cited in: Bradshaw, Trossbach, Köber, Walter, Prikulis, Weggen, Korth: "Disrupted in Schizophrenia 1 regulates the processing of reelin in the perinatal cortex." in: **Schizophrenia research**, Vol. 215, pp. 506-513, (2021) ([PubMed](#)).