

Rabbit EBF2 Polyclonal Antibody | anti-EBF2 antibody

EBF2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA328991	Rabbit	Human, Mouse, Rat Predicted Reactivity: Pig(100%), Bovine(100%), Horse(100%), Sheep(100%), Rabbit(100%), Dog(100%), Chicken(100%)	ELISA

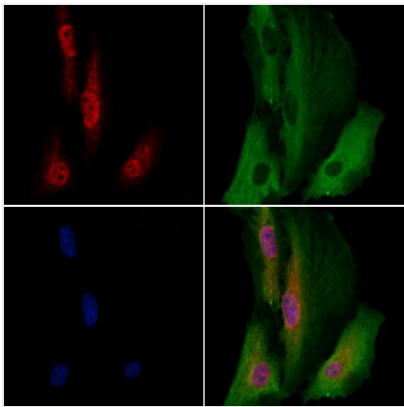
PRODUCT SYNONYMS

EBF2; Polyclonal Antibody; EBF2 Antibody; COE 2; COE2; COE2_HUMAN; Collier Olf and EBF 2; Early B cell factor 2; Early B-cell factor 2; EBF 2; EBF-2; Ebf2; FLJ11500; Metencephalon mesencephalon olfactory transcription factor 1; O/E 3; O/E3; OE 3; OE3; OLF 1/EBF like 3; Transcription factor COE2; anti-EBF2 antibody

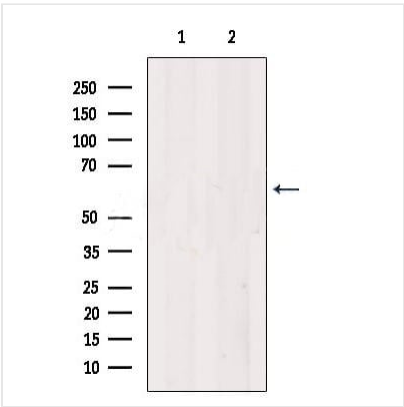
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat Predicted Reactivity: Pig(100%), Bovine(100%), Horse(100%), Sheep(100%), Rabbit(100%), Dog(100%), Chicken(100%)
Clonality	Polyclonal
Isotype	IgG
Specificity	EBF2 Antibody detects endogenous levels of total EBF2.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Form/Format	Liquid. Rabbit IgG in phosphate buffered saline, pH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol
Concentration	1mg/ml (varies by lot)
Sequence Length	184
Applicable Applications for anti-EBF2 antibody	ELISA
Immunogen	A synthesized peptide derived from human EBF2, corresponding to a region within C-terminal amino acids.
Fragment	Fab fragment
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)
AAA328991 staining A549 cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25Å°C. Samples were then incubated with primary Ab(AAA328991) and mouse anti-beta tubulin Ab(T0023) for 1 hour at 37Å°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were used as the secondary antibody. The nuclear counter stain is DAPI (blue).



WB (Western Blot)
Western blot analysis of extracts from HeLa cells, using EBF2 Antibody. The lane on the left was treated with blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-EBF2 antibody	Function: Transcription factor that, in osteoblasts, activates the decoy receptor for RANKL, TNFRSF11B, which in turn regulates osteoclast differentiation. Acts in synergy with the Wnt-responsive LEF1/CTNNB1 pathway. Recognizes variations of the palindromic sequence 5'-ATTCCCNNGGAATT-3' (By similarity).
	Subcellular Location: Nucleus.
	Subunit Structure: Forms either a homodimer or a heterodimer with a related family member.
	Similarity: Belongs to the COE family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	187953441
NCBI GeneID	64641
UniProt Accession #	Q9HAK2
Molecular Weight	Observed Molecular Weight: (Observed)62kD. Predicted Molecular Weight: (Calculated)63kDa.
NCBI Official Full Name	EBF2 protein
NCBI Official Synonym Full Names	EBF transcription factor 2
NCBI Official Symbol	EBF2
NCBI Official Synonym Symbols	COE2; OE-3; EBF-2; O/E-3
NCBI Protein Information	transcription factor COE2
UniProt Protein Name	Transcription factor COE2
UniProt Gene Name	EBF2
UniProt Synonym Gene Names	COE2; EBF-2
UniProt Entry Name	COE2_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/ebf2-antibody-elisa/328991>