

EBF1 Antibody

Rabbit mAb

Catalog # AP92139

Product Information

Application	WB
Primary Accession	Q9UH73
Reactivity	Human, Mouse
Clonality	Monoclonal
Other Names	COE1; EBF; Ebf1; O/E 1; OE1; OLF1;
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	64464

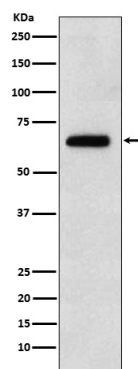
Additional Information

Dilution	WB 1:500~1:1000
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human EBF1
Description	Transcriptional activator which recognizes variations of the palindromic sequence 5'-ATTCCCNNGGGAATT-3'.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Protein Information

Name	EBF1
Synonyms	COE1, EBF
Function	Key pioneer transcription factor of B-cell specification and commitment (PubMed: 27807034). Recognizes variations of the palindromic sequence 5'-ATTCCCNNGGGAATT-3'. Operates in a transcription factor network to activate B-cell-specific genes and repress genes associated with alternative cell fates. For instance, positively regulates many B- cell specific genes including BCR or CD40 while repressing genes that direct cells into alternative lineages, including GATA3 and TCF7 for the T-cell lineage. In addition to its role during lymphopoiesis, controls the thermogenic gene program in adipocytes during development and in response to environmental cold (By similarity).
Cellular Location	Nucleus.

Images



Western blot analysis of EBF1 expression in Raji cell lysate.

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