

Anti-EBF1 Rabbit Monoclonal Antibody

Catalog # ABO15559

Product Information

Application	WB
Primary Accession	Q9UH73
Host	Rabbit
Isotype	IgG
Reactivity	Human, Mouse
Clonality	Monoclonal
Format	Liquid
Description	Anti-EBF1 Rabbit Monoclonal Antibody . Tested in WB application. This antibody reacts with Human, Mouse.

Additional Information

Gene ID	1879
Other Names	Transcription factor COE1, O/E-1, OE-1, Early B-cell factor, EBF1, COE1, EBF
Calculated MW	64464
Application Details	WB 1:500-1:1000
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: 21E35
Immunogen	A synthesized peptide derived from human EBF1
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Protein Information

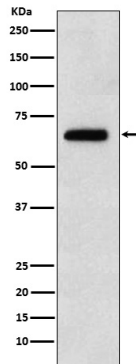
Name	EBF1
Synonyms	COE1, EBF
Function	Key pioneer transcription factor of B-cell specification and commitment (PubMed: 27807034). Recognizes variations of the palindromic sequence 5'-ATTCCCNNGGGAATT-3'. Operates in a transcription factor network to activate B-cell-specific genes and repress genes associated 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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.