

EBF1 Rabbit mAb

Catalog # AP78044

Product Information

Application	WB
Primary Accession	Q9UH73
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Monoclonal Antibody
Isotype	IgG
Conjugate	Unconjugated
Immunogen	A synthesized peptide derived from human EBF1
Purification	Affinity Chromatography
Calculated MW	64464

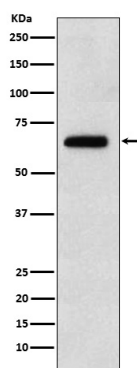
Additional Information

Gene ID	1879
Other Names	EBF1
Dilution	WB~~1/500-1/1000
Format	Liquid in 10mM PBS, pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid 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'-ATCCCNNGGAATT-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



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