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EBF1 antibody - N-terminal region

Rabbit Polyclonal Antibody
Catalog # AI10252

Product Information

Application	WB
Primary Accession	Q9UH73
Other Accession	NM_024007, NP_076870
Reactivity	Human, Mouse, Rat, Zebrafish, Pig, Bovine, Horse, Dog
Predicted	Human, Mouse, Zebrafish, Chicken, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	64464

Additional Information

Gene ID	1879
Alias Symbol	COE1, EBF, O/E-1, OLF1
Other Names	Transcription factor COE1, O/E-1, OE-1, Early B-cell factor, EBF1, COE1, EBF
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-EBF1 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	EBF1 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

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.

References

Roessler,S., (2007) Mol. Cell. Biol. 27 (2), 579-594 Reconstitution and Storage:For short term use, store at 2-8C up to 1 week. For long term storage, store at -20C in small aliquots to prevent freeze-thaw cycles.

Images

