

# **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;

IsotypeRabbit IgGHostRabbitCalculated MW64464

## **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

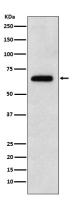
(PubMed:<u>27807034</u>). Recognizes variations of the palindromic sequence 5'-ATTCCCNNGGGAATT-3'. Operates in a transcription factor network to activate B-cell-specific genes and repress genes associated with alternative cell fates. For instance, positively regulates many B- cell specific genes including 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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