

**EBF1 Antibody**  
**Rabbit Polyclonal Antibody**  
**Catalog # AI11582****Specification**

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**EBF1 Antibody - Product Information**

Application	WB, IHC
Primary Accession	<a href="#">O9UH73</a>
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Horse, Bovine, Dog
Predicted	Human, Mouse, Rabbit, Zebrafish, Pig, Chicken, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	64kDa KDa

**EBF1 Antibody - Additional Information****Gene ID** 1879

**Alias Symbol** **EBF, COE1, OLF1, O/E-1**  
**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 is for research use only and not for use in diagnostic or therapeutic procedures.

**EBF1 Antibody - Protein Information**

**Name** EBF1

**Synonyms** COE1, EBF

**Function**

Key pioneer transcription factor of B-cell specification and commitment (PubMed:<a href="http://www.uniprot.org/citations/27807034" target="\_blank">27807034</a>). Recognizes variations of the palindromic sequence 5'-ATTCCCNNGGAATT-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**

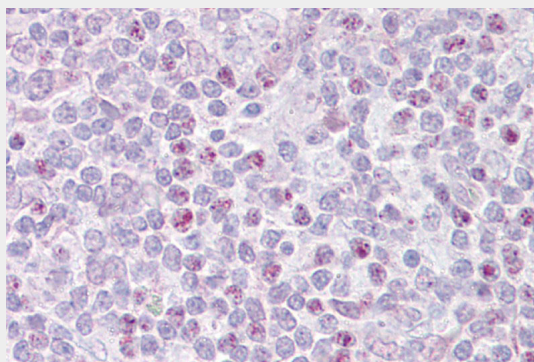
Nucleus.

#### **EBF1 Antibody - Protocols**

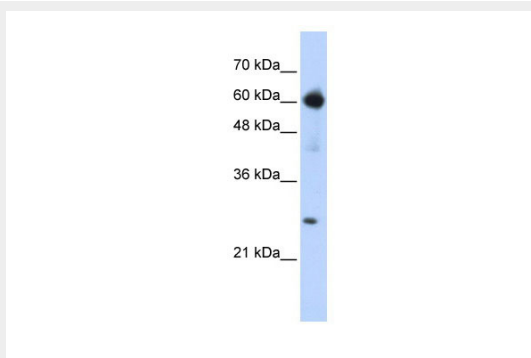
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

#### **EBF1 Antibody - Images**



Immunohistochemistry with Thymus tissue at an antibody concentration of 5 $\mu$ g/ml using anti-EBF1 antibody (A111582)



WB Suggested Anti-EBF1 Antibody Titration: 0.2-1  $\mu$ g/ml

ELISA Titer: 1:312500

Positive Control: Transfected 293T