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EBF1 antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI10252

Specification

EBF1 antibody - N-terminal region - 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	**64kDa KDa**

EBF1 antibody - N-terminal region - 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.

EBF1 antibody - N-terminal region - 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.

EBF1 antibody - N-terminal region - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture