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EBF4 antibody - C-terminal region

Rabbit Polyclonal Antibody
Catalog # AI13322

Product Information

Application	WB
Primary Accession	Q9BQW3
Other Accession	XM_044921, XP_044921
Reactivity	Human, Mouse
Predicted	Human, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	64473

Additional Information

Gene ID	57593
Alias Symbol	COE4, KIAA1442, O/E-4, RP5-860F19.3
Other Names	Transcription factor COE4, Early B-cell factor 4, EBF-4, Olf-1/EBF-like 4, O/E-4, OE-4, EBF4, COE4, KIAA1442
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-EBF4 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	EBF4 antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	EBF4
Synonyms	COE4, KIAA1442
Function	Transcription factor (PubMed: 35939714). Binds to specific sequence motif 5'-CCCNNG[GA]G-3' in regulatory elements of putative target immunoregulatory genes such as NKG7, GZMA, and TBX21 (PubMed:35939714). Positively modulates transcription of NKG7 (PubMed:35939714). May play a role in regulating FAS/CD95-mediated apoptosis in cytotoxic NK cells and T-cells, probably downstream of interleukin IL2 signaling (PubMed:35939714).

Cellular Location	Nucleus.
Tissue Location	Most highly expressed in cytotoxic NK cells, especially CD16(+) NK cells, followed by CD8(+) T-cells

References

Deloukas P.,et al.Nature 414:865-871(2001).
Nagase T.,et al.DNA Res. 7:65-73(2000).

Images



WB Suggested Anti-EBF4 Antibody Titration: 0.2-1 µg/ml
Positive Control: Jurkat cell lysate

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