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EBF4 antibody - middle region

Rabbit Polyclonal Antibody
Catalog # AI10442

Product Information

Application	WB
Primary Accession	Q9BQW3
Other Accession	NM_001110514, NP_001103984
Reactivity	Human, Mouse, Rat, Zebrafish, Pig, Dog, Bovine
Predicted	Human, Mouse, Rat, Pig, Dog, Bovine
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
Target/Specificity	100% homologous to both isoforms of hEBF4.
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 - middle 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).

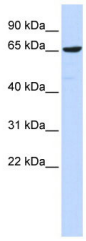
Cellular Location Nucleus.

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

References

Wang,S.S., (2002) Mol. Cell. Neurosci. 20 (3), 404-414 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



WB Suggested Anti-EBF4 Antibody Titration: .2-1 ug/ml
ELISA Titer: 1:3125
Positive Control: 293T cell lysate