10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

EBF4 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP55595

Product Information

Application	IHC-P, IHC-F, IF, ICC, E
Primary Accession	Q9BQW3
Reactivity	Rat, Pig, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	64473

Additional Information

Gene ID	57593
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
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

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

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