

CAB23946

Product Information

Product SKU:	CAB23946	Gene ID:	6929	Size:	20uL, 100uL
Clone No:	ARC61947	Host Species:	Rabbit	Reactivity:	Human,Mouse

Additional Information

Observed MW:	75kDa/67-80kDa	Conjugate:	Unconjugated
Calculated MW:	67kDa/68kDa	Isotype:	IgG

Immunogen Information

Background: This gene encodes a member of the E protein (class I) family of helix-loop-helix transcription factors. E proteins activate transcription by binding to regulatory E-box sequences on target genes as heterodimers or homodimers, and are inhibited by heterodimerization with inhibitor of DNA-binding (class IV) helix-loop-helix proteins. E proteins play a critical role in lymphopoiesis, and the encoded protein is required for B and T lymphocyte development. Deletion of this gene or diminished activity of the encoded protein may play a role in lymphoid malignancies. This gene is also involved in several chromosomal translocations that are associated with lymphoid malignancies including pre-B-cell acute lymphoblastic leukemia (t(1;19), with PBX1), childhood leukemia (t(19;19), with TFPT) and acute leukemia (t(12;19), with ZNF384). Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene, and a pseudogene of this gene is located on the short arm of chromosome 9.

Recommended Dilution: WB,1:500 - 1:1000

Synonyms: TCF3; AGM8; E2A; E47; ITF1; TCF-3; VDIR; bHLHb21; transcription factor 3; E2A/TCF3

Purification Method: Affinity purification

Immunogen: Recombinant fusion protein containing a sequence corresponding to amino acids 379-525 of human E2A/TCF3 (NP_003191.1) .

Storage: Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.05% proclin300,0.05% BSA,50% glycerol,pH7.3.