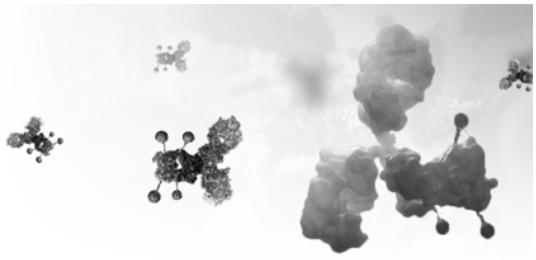

Rabbit Anti-Human TCF3 monoclonal antibody, clone TZ1369 (CABT-L633)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Target	TCF3
Immunogen	Recombinant protein
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Clone	TZ1369
Purification	Protein A purified.
Conjugate	Unconjugated
Applications	WB, FC
Molecular Weight	67 kDa
Cellular Localization	Nucleus.
Positive Control	293
Format	Liquid
Size	100 µl
Buffer	1×TBS (pH7.4), 1% BSA, 40% Glycerol.
Preservative	0.05% Sodium Azide

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Storage	Store at +4°C after thawing. Aliquot store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

BACKGROUND

Introduction	Differentiation of myogenic cells is regulated by multiple positively and negatively acting factors. One well characterized family of helix-loop-helix (HLH) proteins known to play an important role in the regulation of muscle cell development include Myo D, myogenin, Myf-5 and Myf-6 (also designated MRF-4 or herculin). Myo D transcription factors form heterodimers with products of a more widely expressed family of bHLH genes, the E family, which consists of at least three distinct genes: E2A, IF2 and HEB. Myo D-E heterodimers bind avidly to consensus (CANNTG) E box target sites that are functionally important elements in the upstream regulatory sequences of many muscle-specific terminal differentiation genes. Both homo- and heterooligomers of these proteins are able to distinguish very closely related E box proteins and are believed to play important roles in lineage specific gene expression.
Keywords	AGM8;bHLHb21;Class B basic helix-loop-helix protein 21;E12;E2A;E2A immunoglobulin enhancer binding factors E12/E47;E47;Helix loop helix protein HE47;Immunoglobulin enhancer-binding factor E12/E47;Immunoglobulin transcription factor 1;ITF1;Kappa-E2-binding factor;MGC129647;MGC129648;Negative vitamin D response element binding protein;NOL1-TCF3 fusion;TCF-3;Tcf3;TFE2_HUMAN;transcription factor 3 (E2A immunoglobulin enhancer binding factors E12/E47);Transcription factor 3;transcription factor 3 variant 3;Transcription factor E2-alpha;Transcription factor ITF-1;VDIR;VDR interacting repressor;vitamin D receptor-interacting repressor antibody

GENE INFORMATION

Entrez Gene ID	6929
UniProt ID	P15923

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