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anti-TCF3 antibody (Internal Region) (Biotin)





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Quantity:	100 μg
Target:	TCF3
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This TCF3 antibody is conjugated to Biotin
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Purpose:	TCF3 / ITF1, Biotinylated
Sequence:	KAPRARTSPD EDED.
Isotype:	IgG
Specificity:	This antibody is expected to recognize reported isoform E12 (NP_003191.1) only.
Cross-Reactivity:	Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

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Target:	TCF3	
Alternative Name:	TCF3 (TCF3 Products)	
Background:	TCF3, transcription factor 3, E2A, E47, ITF1, TCF-3, VDIR, bHLHb21, NOL1-TCF3 fusion, VDR interacting repressor, class B basic helix-loop-helix protein 21, helix-loop-helix protein HE47,	
	immunoglobulin transcription factor 1, kappa-E2-binding factor, nega	
Gene ID:	6929	
NCBI Accession:	NP_003191	
Pathways:	WNT Signaling, Stem Cell Maintenance, Regulation of Muscle Cell Differentiation, Production of Molecular Mediator of Immune Response	
Application Details		
Application Notes:	Western Blot: Approx 75 kDa band observed in lysates of cell line Daudi (calculated MW of	
	67.6 kDa according to NP_003191.1). See non-biotinylated parental product's datasheet for	
	further QC data. Recommended concentration: 0.3-1 μg/mL.	
	Peptide ELISA: antibody detection limit dilution 1:128000.	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Concentration:	0.5 mg/mL	
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.	
Preservative:	Sodium azide	
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
Handling Advice:	Minimize freezing and thawing.	
Storage:	-20 °C	
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated	

at 4°C for a few weeks and still remain viable.

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa

Western Blotting

Image 1. Biotinylated ABIN5539886 (0.3µg/ml) staining of Daudi lysate (35µg protein in RIPA buffer), exactly mirroring its parental non-biotinylated product. Primary incubation was 1 hour. Detected by chemiluminescence, using streptavidin-HRP and using NAP blocker as a substitute for skimmed milk.