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Datasheet for ABIN190880

anti-TCF3 antibody (Internal Region)

2 Images



Go to Product page

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

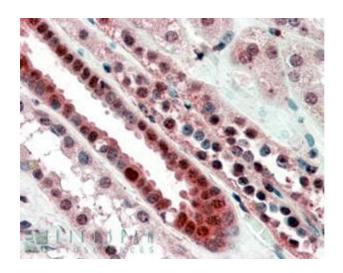
Product Details

Purpose:	TCF3 / ITF1
Immunogen:	Peptide with sequence C-KAPRARTSPDEDED, from the internal region of the protein sequence according to NP_003191.1.
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

Target Details	
Target:	TCF3
Alternative Name:	TCF3 (TCF3 Products)
Background:	TCF3, ITF1, transcription factor 3 (E2A immunoglobulin enhancer binding factors E12/E47),
	E2A, MGC129647, MGC129648, E2A immunoglobulin enhancer-binding factor E12/E47,
	immunoglobulin transcription factor 1, kappa-E2-binding factor, transcription factor
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:	Immunohistochemistry: In paraffin embedded Human Kidney shows strong nuclear staining in
	DCT cells. Recommended concentration, 3-5 µg/mL.
	Western Blot: Approx 75 kDa band observed in lysates of cell line Daudi (calculated MW of
	67.6 kDa according to NP_003191.1). Recommended concentration: 0.01-0.03 $\mu g/mL$.
	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
	alhumin

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.



Immunohistochemistry

Image 1. ABIN190880 (3.8 μ g/ml) staining of paraffin embedded Human Kidney. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

250kDa 150kDa 100kDa

75kDa

50kDa

37kDa

25kDa

20kDa

15kDa

Western Blotting

Image 2. ABIN190880 (0.01μg/ml) staining of Daudi cell lysate (35μg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.