



## LEF1 Antibody

CATALOG NUMBER: 45-083



Western Blot (1ug/ml) staining of Daudi cell lysate (35ug protein in RIPA buffer).  
Primary incubation was 1 hour. Detected by chemiluminescence.

### Specifications

<b>SPECIES REACTIVITY:</b>	Human, Mouse, Rat
<b>TESTED APPLICATIONS:</b>	ELISA, WB
<b>APPLICATIONS:</b>	ELISA: antibody detection limit dilution 1:32000. Western Blot: Approx 48kDa band observed in lysates of cell lines Daudi and Jurkat (calculated MW of 44.2kDa according to NP_057353.1). The observed molecular weight corresponds to earlier findings in literature with different antibodies (Yasumoto et al)
<b>POSITIVE CONTROL:</b>	1) Cat. No. 1224 - Daudi Cell Lysate
<b>IMMUNOGEN:</b>	LEF1 antibody was raised against a 14 amino acid synthetic peptide near the internal region of LEF1.
<b>HOST SPECIES:</b>	Goat

### Properties

<b>PURIFICATION:</b>	LEF1 antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>PHYSICAL STATE:</b>	Liquid
<b>BUFFER:</b>	LEF1 antibody is supplied in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin.
<b>CONCENTRATION:</b>	500 ug/mL
<b>STORAGE CONDITIONS:</b>	Aliquot and store at -20°C. Minimize freezing and thawing.
<b>CLONALITY:</b>	Polyclonal
<b>CONJUGATE:</b>	Unconjugated

### Additional Info

<b>ALTERNATE NAMES:</b>	LEF1, lymphoid enhancer-binding factor 1, HGNC:6551, DKFZp586H0919, TCF1ALPHA, lymphoid enhancer binding factor-1, LEF-1, TCF10, TCF7L3
<b>ACCESSION NO.:</b>	NP_057353.1
<b>PROTEIN GI NO.:</b>	7705917
<b>OFFICIAL SYMBOL:</b>	LEF1

GENE ID: 51176

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### Background

**REFERENCES:** 1) Radtke F, Clevers H. Self-renewal and cancer of the gut: two sides of a coin. Science. 2005 Mar 25;307(5717):1904-9. Review.

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FOR RESEARCH USE ONLY

December 13, 2016