Product Datasheet

LEF1 Antibody (N-term) (orb1937765)

Catalog Number	orb1937765
Category	Antibodies
Description	Affinity Purified Rabbit Polyclonal Antibody (Pab)
Target	LEF1 (HGNC:6551)
Clonality	Polyclonal
Species/Host	Rabbit
Isotype	Rabbit IgG
Conjugation	Unconjugated
Reactivity	Human
Predicted Reactivity	Mouse, Rat
Form/Appearance	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Immunogen	This LEF1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 10-37 amino acids from the N-terminal region of human LEF1. Antigen Region: 10-37 aa.
UniProt ID	Q9UJU2
MW	44201 Da
Tested applications	IF, WB
Dilution range	IF - 1:10-50, WB - 1:2000

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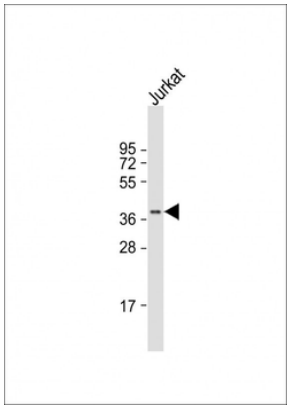
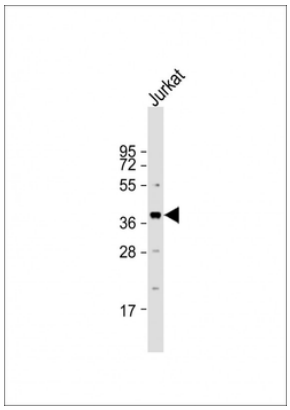
Clone Number	BTD53101
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles
Note	For research use only
NCBI	NP_001159591.1, NP_001124186.1, NP_057353.1, NP_001124185.1
Expiration Date	12 months from date of receipt.



Anti-LEF1 Antibody (N-term) at 1:2000 dilution + Jurkat whole cell lysate.Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size: 44 kDa. Blocking/Dilution buffer: 5% NFDM/TBST.



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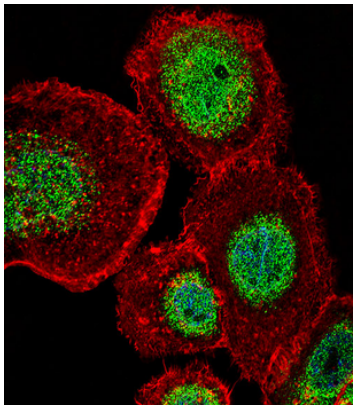
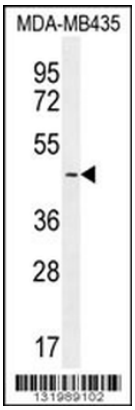


Fluorescent confocal image of A431 cell stained with LEF1 Antibody (N-term). A431 cells were fixed with 4% PFA (20 min), permeabilized with Triton X-100 (0.1%, 10 min), then incubated with LEF1 primary antibody (1:25, 1 h at 37°C). For secondary antibody, Alexa Fluor 488 conjugated donkey anti-rabbit antibody (green) was used (1:400, 50 min at 37°C). Cytoplasmic actin was counterstained with Alexa Fluor 555 (red) conjugated Phalloidin (7 units/ml, 1 h at 37°C). Nuclei were counterstained with DAPI (blue) (10 µg/ml, 10 min). LEF1 immunoreactivity is localized to Nucleus significantly and Cytoplasm weakly.



LEF1 Antibody (N-term) western blot analysis in MDA-MB435 cell line lysates (35 ug/lane). This demonstrates the LEF1 antibody detected the LEF1 protein (arrow).

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