

LEF1 Rabbit mAb
Catalog # AP75670**Specification**

LEF1 Rabbit mAb - Product Information

Application	WB, IF
Primary Accession	O9UJU2
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	44201

LEF1 Rabbit mAb - Additional Information**Gene ID** 51176**Other Names**

LEF1

Dilution

WB~~1/500-1/1000

IF~~1/50-1/200

Format

Liquid

LEF1 Rabbit mAb - Protein Information**Name** LEF1 ([HGNC:6551](#))**Function**

Transcription factor that binds DNA in a sequence-specific manner (PubMed:[2010090](http://www.uniprot.org/citations/2010090)). Participates in the Wnt signaling pathway (By similarity). Activates transcription of target genes in the presence of CTNNB1 and EP300 (By similarity). PIAG antagonizes both Wnt-dependent and Wnt-independent activation by LEF1 (By similarity). TLE1, TLE2, TLE3 and TLE4 repress transactivation mediated by LEF1 and CTNNB1 (PubMed:[11266540](http://www.uniprot.org/citations/11266540)). Regulates T-cell receptor alpha enhancer function (PubMed:[19653274](http://www.uniprot.org/citations/19653274)). Required for IL17A expressing gamma-delta T-cell maturation and development, via binding to regulator loci of BLK to modulate expression (By similarity). Acts as a positive regulator of odontoblast differentiation during mesenchymal tooth germ formation, expression is repressed during the bell stage by MSX1-mediated inhibition of CTNNB1 signaling (By similarity). May play a role in hair cell differentiation and follicle morphogenesis (By similarity).

Cellular Location

Nucleus {ECO:0000255|PROSITE-ProRule:PRU00267}. Note=Found in nuclear bodies upon PIASG binding.

Tissue Location

Detected in thymus. Not detected in normal colon, but highly expressed in colon cancer biopsies and colon cancer cell lines. Expressed in several pancreatic tumors and weakly expressed in normal pancreatic tissue. Isoforms 1 and 5 are detected in several pancreatic cell lines.

LEF1 Rabbit mAb - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

LEF1 Rabbit mAb - Images



