

ARG64029 anti-LEF1 antibody

Package: 100 µg
Store at: -20°C

Summary

| | |
|---------------------|---|
| Product Description | Goat Polyclonal antibody recognizes LEF1 |
| Tested Reactivity | Hu |
| Predict Reactivity | Ms, Rat, Dog |
| Tested Application | WB |
| Host | Goat |
| Clonality | Polyclonal |
| Isotype | IgG |
| Target Name | LEF1 |
| Species | Human |
| Immunogen | C-QHEQRKEQEPKRPH |
| Conjugation | Un-conjugated |
| Alternate Names | Lymphoid enhancer-binding factor 1; TCF1-alpha; TCF7L3; T cell-specific transcription factor 1-alpha; LEF-1; TCF1ALPHA; TCF10 |

Application Instructions

| Application table | Application | Dilution |
|-------------------|-------------|-------------|
| | WB | 1 - 3 µg/ml |

Application Note
WB: Recommend incubate at RT for 1h.
* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

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| Form | Liquid |
| Purification | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. |
| Buffer | Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA |
| Preservative | 0.02% Sodium azide |
| Stabilizer | 0.5% BSA |
| Concentration | 0.5 mg/ml |
| Storage instruction | For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use. |

Note For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

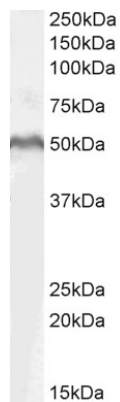
| | |
|----------------|---|
| Database links | GeneID: 51176 Human Swiss-port # Q9UJU2 Human |
| Background | This gene encodes a transcription factor belonging to a family of proteins that share homology with the high mobility group protein-1. The protein encoded by this gene can bind to a functionally important site in the T-cell receptor-alpha enhancer, thereby conferring maximal enhancer activity. This transcription factor is involved in the Wnt signaling pathway, and it may function in hair cell differentiation and follicle morphogenesis. Mutations in this gene have been found in somatic sebaceous tumors. This gene has also been linked to other cancers, including androgen-independent prostate cancer. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Oct 2009] |
| Research Area | Cancer antibody; Controls and Markers antibody; Developmental Biology antibody; Gene Regulation antibody; Signaling Transduction antibody |
| Calculated Mw | 44 kDa |
| PTM | Phosphorylated at Thr-155 and/or Ser-166 by NLK. Phosphorylation by NLK at these sites represses LEF1-mediated transcriptional activation of target genes of the canonical Wnt signaling pathway. |

Images



ARG64029 anti-LEF1 antibody WB image

Western Blot: Daudi cell lysate (35 µg protein in RIPA buffer) stained with ARG64029 anti-LEF1 antibody at 1 µg/ml dilution.



ARG64029 anti-LEF1 antibody WB image

Western blot: 35 µg of MOLT-4 cell lysate (in RIPA buffer) stained with ARG64029 anti-LEF1 antibody at 1 µg/ml dilution and incubated at RT for 1 hour.