

Product datasheet for **TA330287**

LEF1 Rabbit Polyclonal Antibody

Product data:

| | |
|-------------------------|---|
| Product Type: | Primary Antibodies |
| Applications: | WB |
| Recommended Dilution: | WB |
| Reactivity: | Human |
| Host: | Rabbit |
| Isotype: | IgG |
| Clonality: | Polyclonal |
| Immunogen: | The immunogen for anti-LEF1 antibody: synthetic peptide directed towards the middle region of human LEF1. Synthetic peptide located within the following region: ADIKSSLVNESEIIPASNGHEVARQAQTSQEPYHDKAREHPDDGKHPDGG |
| Formulation: | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i> |
| Conjugation: | Unconjugated |
| Storage: | Store at -20°C as received. |
| Stability: | Stable for 12 months from date of receipt. |
| Predicted Protein Size: | 44 kDa |
| Gene Name: | lymphoid enhancer binding factor 1 |
| Database Link: | NP_057353 Entrez Gene 51176 Human Q9UJU2 |
| Background: | Lymphoid enhancer-binding factor-1 (LEF1) is a 48-kD nuclear protein that is expressed in pre-B and T cells. It binds to a functionally important site in the T-cell receptor-alpha (TCRA) enhancer and confers maximal enhancer activity. LEF1 belongs to a family of regulatory proteins that share homology with high mobility group protein-1 (HMG1). |
| Synonyms: | LEF-1; TCF1ALPHA; TCF7L3; TCF10 |
| Note: | Immunogen sequence homology: Dog: 100%; Goat: 100%; Human: 100%; Bovine: 100%; Pig: 93%; Rabbit: 93%; Guinea pig: 86%; Rat: 79%; Mouse: 79% |

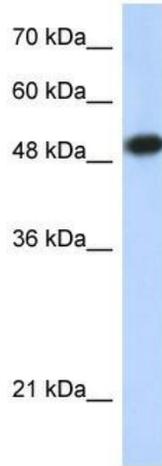


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Protein Families: Adult stem cells, Druggable Genome, ES Cell Differentiation/IPS, Transcription Factors

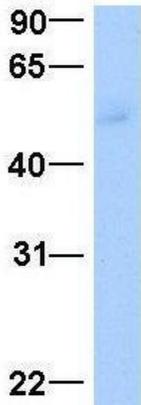
Protein Pathways: Acute myeloid leukemia, Adherens junction, Arrhythmogenic right ventricular cardiomyopathy (ARVC), Basal cell carcinoma, Colorectal cancer, Endometrial cancer, Melanogenesis, Pathways in cancer, Prostate cancer, Thyroid cancer, Wnt signaling pathway

Product images:



WB Suggested Anti-LEF1 Antibody Titration: 0.1-2.0ug/ml; Positive Control: HepG2 cell lysate

LEF1



Rabbit Anti-LEF1
 Sample Type: Human Fetal Heart
 Antibody Concentration: 1ug/mL

Host: Rabbit; Target Name: LEF1; Sample Tissue: Human Fetal Heart; Antibody Dilution: 1.0ug/ml