

**CAB0249**

---

**Product Information**

|                     |         |                      |        |                    |                 |
|---------------------|---------|----------------------|--------|--------------------|-----------------|
| <b>Product SKU:</b> | CAB0249 | <b>Gene ID:</b>      | 4000   | <b>Size:</b>       | 20uL, 100uL     |
| <b>Clone No:</b>    | -       | <b>Host Species:</b> | Rabbit | <b>Reactivity:</b> | Human,Mouse,Rat |

---

**Additional Information**

|                       |             |                   |              |
|-----------------------|-------------|-------------------|--------------|
| <b>Observed MW:</b>   | 68kDa/72kDa | <b>Conjugate:</b> | Unconjugated |
| <b>Calculated MW:</b> | 74kDa       | <b>Isotype:</b>   | IgG          |

---

**Immunogen Information**

|                              |   |
|------------------------------|---|
| <b>Background:</b>           | The protein encoded by this gene is part of the nuclear lamina, a two-dimensional matrix of proteins located next to the inner nuclear membrane. The lamin family of proteins make up the matrix and are highly conserved in evolution. During mitosis, the lamina matrix is reversibly disassembled as the lamin proteins are phosphorylated. Lamin proteins are thought to be involved in nuclear stability, chromatin structure and gene expression. Vertebrate lamins consist of two types, A and B. Alternative splicing results in multiple transcript variants. Mutations in this gene lead to several diseases: Emery-Dreifuss muscular dystrophy, familial partial lipodystrophy, limb girdle muscular dystrophy, dilated cardiomyopathy, Charcot-Marie-Tooth disease, and Hutchinson-Gilford progeria syndrome. |
| <b>Recommended Dilution:</b> | WB,1:500 - 1:1000 IHC-P,1:50 - 1:200 IF/ICC,1:50 - 1:200 ChIP,1:20 - 1:100  |
| <b>Synonyms:</b>             | FPL; IDC; LFP; CDDC; EMD2; FPLD; HGPS; LDP1; LMN1; LMNC; MADA; PRO1; CDCD1; CMD1A; FPLD2; LMNL1; CMT2B1; LGMD1B; Lamin A/C  |
| <b>Purification Method:</b>  | Affinity purification   |
| <b>Immunogen:</b>            | Recombinant fusion protein containing a sequence corresponding to amino acids 403-572 of human Lamin A/C (NP_733821.1).   |
| <b>Storage:</b>              | Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3.  |