# Anti-Elp4 Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

Catalog # R014648

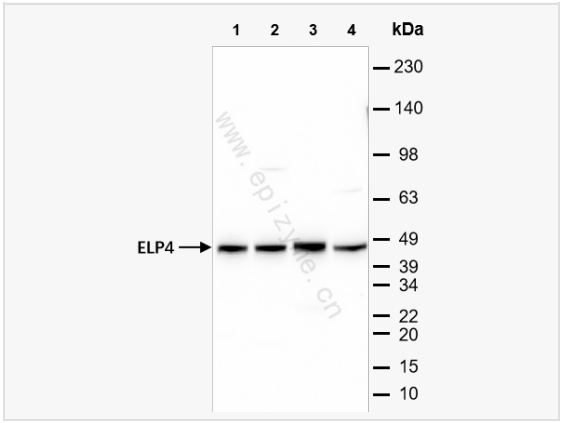
## Product Information

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|---|---|
| Application | WB, IHC-P/IF (Tissue-P), ELISA |
| Reactivity | Human, Mouse, Rat |
| Dilution | WB 1:1,000~1:2,000; IHC-P 1:100~1:200; IF 1:100~1:200 |
| Host | Rabbit |
| Clonality | Monoclonal |
| Clone No. | 75G07M89 |
| Isotype | IgG |
| Label | Unconjugated |
| Immunogen | A synthesized peptide derived from human ELP4 |
| Format | Affinity purified monoclonal antibody supplied in PBS with 0.01% sodium azide and 50% glycerol, pH 7.3. |
| Storage | Shipped on wet ice. Store at -20℃. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20℃ storage. |
| Precautions | Anti-Elp4 Rabbit mAb [75G07M89] is for research use only and not for use in diagnostic or therapeutic procedures. |

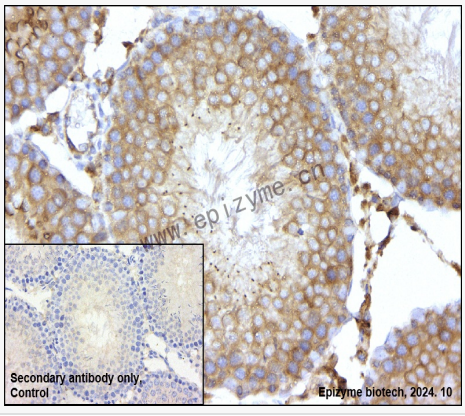
## Protein Information

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|---|---|
| Synonyms | C11orf19, dJ68P15A.1, elongation protein 4 homolog (S. cerevisiae), Elongation protein 4 homolog, Elongator complex protein 4, ELP4, ELP4_HUMAN, FLJ20498, hELP4, PAX6 neighbor gene protein, PAX6NEB, PAXNEB. |
| Calculated MW | Calculated MW: 47 kDa; Observed MW: 47 kDa |
| Uniprot ID | Q96EB1 |
| Gene ID | 26610 |
| Background | Acts as subunit of the RNA polymerase II elongator complex, which is a histone acetyltransferase component of the RNA polymerase II (Pol II) holoenzyme and is involved in transcriptional elongation. Elongator may play a role in chromatin remodeling and is involved in acetylation of histones H3 and probably H4. |
| Cellular Location | Cytoplasm. Nucleus. |
| Tissue Location | Widely expressed. |

## Validation Images




Western Blot - Anti-Elp4 Rabbit mAb [75G07M89]
All lanes: R014648 at 1:1,000 dilution
Lane 1: HeLa (Human cervix adenocarcinoma epithelial cell) whole cell lysates
Lane 2: HCT116 (Human colorectal carcinoma epithelial cell) whole cell lysates
Lane 3: Rat spleen whole tissue lysates
Lane 4: Mouse heart whole tissue lysates
Lysates/proteins at 10 µg per lane.
Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution
Predicted band size: 47 kDa
Observed band size: 47 kDa
Developed using the ECL technique (Cat. No. SQ201).




Immunohistochemistry - Anti-Elp4 Rabbit mAb [75G07M89]
Sample: Paraformaldehyde-fixed, paraffin embedded rat testis tissue
Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 30 mins.
Primary antibody: R014648 at 1:200 dilution
Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP conjugated at 1:1,000 dilution
DAB was used as the chromogen.
Counter stained with hematoxylin.
Positive/negative staining were presented.
Only the secondary antibody was used as the negative control.