

TMPO/LAP2 Rabbit Polyclonal Antibody

Catalog #: EAB13587

| Host/Isotype | Clonality | Applications | MW (kDa) | Reactivity |
|--------------|------------|--------------------------|----------|-------------------|
| Rabbit IgG | Polyclonal | WB, IHC-P, IF/ICC, ELISA | 51 | Human, Mouse, Rat |

Applications Dilutions

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| | |
|--|--------------|
| WB (Western Blotting) | 1:500-2000 |
| IHC-P (Immunohistochemistry-Paraffin) | 1:50-300 |
| IF/ICC (Immunofluorescence/Immunocytochemistry) | 1:50-300 |
| ELISA (Enzyme-linked Immunosorbent Assay) | 1:5000-20000 |

Product Information

| | |
|-----------------------|---|
| Conjugate | Unconjugate |
| Specificity | TMPO/LAP2 Rabbit Polyclonal Antibody detects endogenous levels of TMPO/LAP2 protein. |
| Purification | Affinity purification |
| Concentration | 1mg/ml |
| Format | Liquid |
| Formulation | In PBS, pH 7.4, Containing 0.02% sodium azide, 0.5% BSA and 50% Glycerol. |
| Shipping | Gel Pack |
| Storage | Store at -20°C least 1 year from the date of shipment. Avoid repeated freeze/thaw cycles. Aliquots may be stored at +4°C for 1-2 weeks. |
| UniProt ID | P42166 |
| Entrez-Gene ID | 7112 |

Product Description

Through alternative splicing, this gene encodes several distinct LEM domain containing protein isoforms. LEM domain proteins include inner nuclear membrane and intranuclear proteins, and are involved in a variety of cellular functions including gene expression, chromatin organization, and replication and cell cycle control. The encoded alpha isoform is broadly diffuse in the nucleus and contains a lamin binding domain, while the beta and gamma isoforms are localized to the nuclear membrane and contain an HDAC3 interaction domain. The distinct isoforms may compete with each other when acting to chaperone other proteins and regulate transcription.

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