

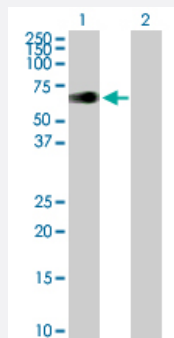
MaxPab®

## ZIM2 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00023619-B01P

Size 50 ug

### Applications

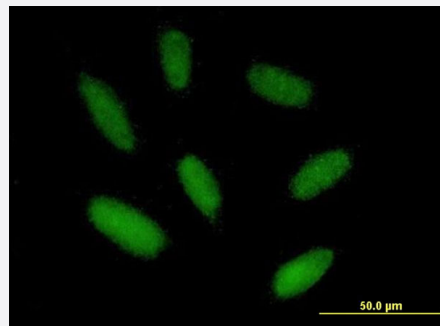


#### Western Blot (Transfected lysate)

Western Blot analysis of ZIM2 expression in transfected 293T cell line ([H00023619-T01](#)) by ZIM2 MaxPab polyclonal antibody.

Lane 1: ZIM2 transfected lysate(57.97 KDa).

Lane 2: Non-transfected lysate.



#### Immunofluorescence

Immunofluorescence of purified MaxPab antibody to ZIM2 on HepG2 cell. [antibody concentration 20 ug/ml]

### Specification

#### Product Description

Mouse polyclonal antibody raised against a full-length human ZIM2 protein.

#### Immunogen

ZIM2 (NP\_056178.3, 1 a.a. ~ 527 a.a) full-length human protein.

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sequence                | MYQPEDDNNSDVTSDDDMTRNRRESSPPHSVHSFSGDRDWDRRGRSRDMEPRDRWSHTRNP<br>RSRMPPRDLSLPVVAKTSFEMDREDDRDSRAYESRSQDAESYQNVVDLAEDRKPHNTIQDNME<br>NYRKLLSLGFLAQDSVPAEKRNTEMLDNLPSAGSQFPDFKHLGTFLVFEELVTFEDVLVDFSPEE<br>LSSLSAAQRNLYREVMLENYRNLVSLGHQFSKPDIIISRLIEEEESYAMETDSRHTVICQGESHDDPL<br>EPHQGNQEKLTPITMNDPKLTPERSYGSDEFERSSNLSKQSKDPLGKDPQEGTAPGICTSPQS<br>ASQENKHNRCEFCRFTSTQVALRRHERIHTGKKPYECKQCAEAFYLMPHLNRHQKTHSGRKTS<br>GCNEGRKPSVQCANLCERVRIHSQEDYFECFQCGKAFLQNVHLLQHLKAHEAARVLPPGLSHSK<br>TYLIRYQRKHDYVGERACQCCDCGRVFSRNSYLIQHRYRHTHTQERPYQCQLCGKCFGRPSYLTQHY<br>QLHSQEKTVECDHC |
| Host                    | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Reactivity              | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Quality Control Testing | Antibody reactive against mammalian transfected lysate.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Storage Buffer          | In 1x PBS, pH 7.4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Storage Instruction     | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

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[Protocol Download](#)

- Immunofluorescence

Immunofluorescence of purified MaxPab antibody to ZIM2 on HepG2 cell. [antibody concentration 20 ug/ml]

## Gene Info — ZIM2

|                     |                             |
|---------------------|-----------------------------|
| Entrez GeneID       | <a href="#">23619</a>       |
| GeneBank Accession# | <a href="#">NM_015363.3</a> |
| Protein Accession#  | <a href="#">NP_056178.3</a> |
| Gene Name           | ZIM2                        |
| Gene Alias          | ZNF656                      |
| Gene Description    | zinc finger, imprinted 2    |

**Gene Ontology**[Hyperlink](#)**Gene Summary**

In human, ZIM2 and PEG3 (GeneID:5178) are two distinct genes that share a set of 5' exons and have a common promoter, and both genes are paternally expressed (PMID:15203203). Alternative splicing events connect the shared exons either with the remaining 4 exons unique to ZIM2, or with the remaining 2 exons unique to PEG3. This is in contrast to mouse and cow, where ZIM2 and PEG3 genes do not share exons in common, and the imprinting status of ZIM2 is also not conserved amongst mammals. Additional 5' alternatively spliced transcripts encoding the same protein have been found for the human ZIM2 gene. [provided by RefSeq]

**Other Designations**

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