

DNAPAb

Hard-to-Find  
Antibody

# ERN1 DNAPAb

Catalog # H00002081-W01P

Size 200 ug

## Specification

|                         |                                                                                                       |
|-------------------------|-------------------------------------------------------------------------------------------------------|
| Product Description     | Rabbit polyclonal antibody raised against a full-length human ERN1 DNA using DNAX™ Immune technology. |
| Technology              | <a href="#">DNAX™ Immune</a>                                                                          |
| Immunogen               | Full-length human DNA                                                                                 |
| Sequence                | MPARRLLLLLTLLPGLGVSDRGAWGGGQLATAGSGPGQRRGAGAGVRAGSATAAARCPVSPA<br>VGGSGRA                             |
| Host                    | Rabbit                                                                                                |
| Reactivity              | Human                                                                                                 |
| Purification            | Protein A                                                                                             |
| 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.                              |

## Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

## Gene Info — ERN1

|                     |                                                                                                                                                                                                                                                                                                                                                   |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Entrez GeneID       | <a href="#">2081</a>                                                                                                                                                                                                                                                                                                                              |
| GeneBank Accession# | <a href="#">NM_152461.2</a>                                                                                                                                                                                                                                                                                                                       |
| Protein Accession#  | <a href="#">NP_689674.2</a>                                                                                                                                                                                                                                                                                                                       |
| Gene Name           | ERN1                                                                                                                                                                                                                                                                                                                                              |
| Gene Alias          | FLJ30999, IRE1, IRE1P, MGC163277, MGC163279                                                                                                                                                                                                                                                                                                       |
| Gene Description    | endoplasmic reticulum to nucleus signaling 1                                                                                                                                                                                                                                                                                                      |
| Omim ID             | <a href="#">604033</a>                                                                                                                                                                                                                                                                                                                            |
| Gene Ontology       | <a href="#">Hyperlink</a>                                                                                                                                                                                                                                                                                                                         |
| Gene Summary        | The protein encoded by this gene is the ER to nucleus signalling 1 protein, a human homologue of the yeast Ire1 gene product. This protein possesses intrinsic kinase activity and an endoribonuclease activity and it is important in altering gene expression as a response to endoplasmic reticulum-based stress signals. [provided by RefSeq] |
| Other Designations  | ER to nucleus signalling 1 endoplasmic reticulum to nucleus signalling 1 inositol-requiring 1 protein kinase/endoribonuclease                                                                                                                                                                                                                     |

## Disease

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