

DNAxPAb

Hard-to-Find  
Antibody

## PEF1 DNAxPab

Catalog # H00553115-W01P

Size 200 ug

### Specification

|                                |                                                                                                                                                                                                                                                                                                             |
|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Description</b>     | Rabbit polyclonal antibody raised against a full-length human PEF1 DNA using DNAx™ Immune technology.                                                                                                                                                                                                       |
| <b>Technology</b>              | <a href="#">DNAx™ Immune</a>                                                                                                                                                                                                                                                                                |
| <b>Immunogen</b>               | Full-length human DNA                                                                                                                                                                                                                                                                                       |
| <b>Sequence</b>                | MASYPYRQGCPGAAGQAPGAPPGSYYPGPPNSGGQYGSGLPPGGGYGGPAPGGPYGPPAGG<br>GPYGHNPNGMFPSTPGGPYGAAPGGPYGQPPPSSYGAQQPGLYGQGGAPPNVDPEAYSWF<br>QSVSDSDHSGYISMKELKQALVNCNWSSFNDETCLMMINMFDKTKSGRIDVYGFSALWKFIQQWK<br>NLFQQYDRDRSGSISYTELQQALSQMGYNLSPQFTQLLVSRYCPRSANPAMQLDRFIQVCTQLQV<br>LTEAFREKDTAVQGNIRLSFEDFVTMTASRML |
| <b>Host</b>                    | Rabbit                                                                                                                                                                                                                                                                                                      |
| <b>Reactivity</b>              | Human                                                                                                                                                                                                                                                                                                       |
| <b>Purification</b>            | Protein A                                                                                                                                                                                                                                                                                                   |
| <b>Quality Control Testing</b> | Antibody reactive against mammalian transfected lysate.                                                                                                                                                                                                                                                     |
| <b>Storage Buffer</b>          | In 1x PBS, pH 7.4                                                                                                                                                                                                                                                                                           |
| <b>Storage Instruction</b>     | 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 — PEF1

**Entrez GeneID** [553115](#)**GeneBank Accession#** [NM\\_012392.2](#)**Protein Accession#** [NP\\_036524.1](#)**Gene Name** PEF1**Gene Alias** PEF1A, PEFLIN**Gene Description** penta-EF-hand domain containing 1**Omim ID** [610033](#)**Gene Ontology** [Hyperlink](#)

**Gene Summary** PEF1 is a Ca(2+)-binding protein that belongs to the penta-EF-hand (PEF) protein family, which includes the calpain small subunit (CAPNS1; MIM 114170), sorcin (SRI; MIM 182520), grancalcin (GCA; MIM 607030), and ALG2 (PDCD6; MIM 601057) (Kitaura et al., 2001 [PubMed 11278427]).[supplied by OMIM]

**Other Designations** OTTHUMP00000003953|PEF protein with a long N-terminal hydrophobic domain|penta-EF hand domain containing 1