

## Product datasheet for **TA344308**

### PEF1 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-PEF1 antibody: synthetic peptide directed towards the middle region of human PEF1. Synthetic peptide located within the following region: WKFIQWKNLFQQYDRDRSGSISYTELQQALSQMGYNLSPQFTQLLSRY
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	31 kDa
Gene Name:	penta-EF-hand domain containing 1
Database Link:	<a href="#">NP_036524</a> <a href="#">Entrez Gene 553115 Human</a> <a href="#">Q9UBV8</a>



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**Background:**

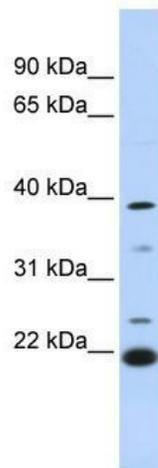
PEF1 is a Ca(2+)-binding protein that belongs to the penta-EF-hand (PEF) protein family, which includes the calpain small subunit (CAPNS1; MIM 114170), sorcin (SRI; MIM 182520), grancalcin (GCA; MIM 607030), and ALG2. PEF1 is a Ca(2+)-binding protein that belongs to the penta-EF-hand (PEF) protein family, which includes the calpain small subunit (CAPNS1; MIM 114170), sorcin (SRI; MIM 182520), grancalcin (GCA; MIM 607030), and ALG2 (PDCD6; MIM 601057) (Kitauro et al., 2001 [PubMed 11278427]). [supplied by OMIM]. Sequence Note: removed 1 base from the 3' end that did not align to the reference genome assembly. PRIMARYREFSEQ\_SPAN PRIMARY\_IDENTIFIER PRIMARY\_SPAN COMP 1-1640 AB026628.1 1-1640

**Synonyms:**

ABP32; PEF1A

**Note:**

Immunogen Sequence Homology: Dog: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Pig: 93%; Rat: 93%; Bovine: 93%; Rabbit: 93%; Guinea pig: 93%; Zebrafish: 91%

**Product images:**

WB Suggested Anti-PEF1 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1:1562500; Positive Control: 721\_B cell lysate. PEF1 is supported by BioGPS gene expression data to be expressed in 721\_B