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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0


F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Product Number	ARP58512_P050-HRP
Product Page	www.avivasysbio.com/pef1-antibody-middle-region-hrp-arp58512-p050-hrp.html
Name	PEF1 Antibody - middle region : HRP (ARP58512_P050-HRP)
Protein Size (# AA)	284 amino acids
Molecular Weight	31kDa
Conjugation	HRP: Horseradish Peroxidase
NCBI Gene Id	553115
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Penta-EF-hand domain containing 1
Alias Symbols	ABP32, PEF1A
Peptide Sequence	Synthetic peptide located within the following region: WKFIQQWKNLFQQYDRDRSGSISYTELQQALSQMGYNLSPQFTQLLVSRV
Product Format	Liquid. Purified antibody is supplied in high phosphate PBS, 100 mM phosphate, 150 mM NaCl, pH 7.6.
Reference	Jordanova,A., (2006) Nat. Genet. 38 (2), 197-202
Description of Target	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) (Kitaura 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
Protein Interactions	FOXR2; KLHL12; CEP55; TFG; CALCOCO2; PDCD6; HGS; EWSR1; UBC; BAG3; DAZAP2; NR0B2; PDCD6IP; LAMTOR3; CUL3; H2AFX; ALG2;
Reconstitution and Storage	All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding.
Datasheets/Manuals	Printable datasheet for anti-PEF1 (ARP58512_P050-HRP) antibody
Blocking Peptide	For anti-PEF1 (ARP58512_P050-HRP) antibody is Catalog # AAP58512 (Previous Catalog # AAPP34820)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human PEF1
Uniprot ID	Q9UBV8
Protein Name	Peflin
Sample Type Confirmation	PEF1 is supported by BioGPS gene expression data to be expressed in 721_B
Protein Accession #	NP_036524
Purification	Affinity Purified
Nucleotide Accession #	NM_012392
Gene Symbol	PEF1
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Zebrafish

Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 93%; Dog: 100%; Guinea Pig: 93%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 93%; Rat: 93%; Zebrafish: 91%
Image 1	 A schematic diagram of a Y-shaped antibody molecule. It consists of two heavy chains (inner lines) and two light chains (outer lines) joined at their C-termini. The two antigen-binding sites are formed by the variable regions of the light chains.

AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.
Optimal conditions of its use should be determined by end users.

AVIVA SYSTEMS BIOLOGY
6370 Nancy Ridge Dr., Suite 104, San Diego, CA 92121 USA | Tel: (858)552-6979 | info@avivasysbio.com