

Rabbit anti-Human PEF1 Monoclonal Antibody | anti-PEF1 antibody

PEF1 Rabbit mAb

CATALOG # AAA282864	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
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PRODUCT SYNONYMS

PEF1; Monoclonal Antibody; PEF1 Rabbit mAb; ABP32; PEF1A; anti-PEF1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	APGGPYGPPA GGGPYGHPNP GMFPSGTPGG PYGGAAPGGP YGQPPPSSYG AQQPGLYGQG GAPPNVDPEA YSWFQSVDSH HSGYISMKEK KQALVNCNWS S
Applicable Applications for anti-PEF1 antibody	ELISA, WB (Western Blot)
Cross Reactivity	Human, Mouse, Rat
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 50-150 of human PEF1 (Q9UBV8).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of lysates from Mouse liver, using PEF1 Rabbit mAb (AAA282864) at 1:500 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit (RM00021). Exposure time: 60s.



WB (Western Blot)

Western blot analysis of various lysates using PEF1 Rabbit mAb (AAA282864) at 1:500 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 1s.

ADDITIONAL INFORMATION

Related Product Information for anti-PEF1 antibody	This gene encodes a calcium-binding protein belonging to the penta-EF-hand protein family. The encoded protein has been shown to form a heterodimer with the programmed cell death 6 gene product and may modulate its function in Ca(2+) signaling. Alternative splicing results in multiple transcript variants and a pseudogene has been identified on chromosome 1.
Product Categories/Family for anti-PEF1 antibody	Apoptosis ; Neuroscience ; Calcium Signaling ; Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	6912582
NCBI GeneID	553115
NCBI Accession #	NP_036524.1
NCBI GenBank Nucleotide #	NM_012392.3
UniProt Accession #	Q9UBV8
Molecular Weight	Calculated MW: 30kDa Observed MW: 30kDa
UniProt Protein Name	Peflin
UniProt Gene Name	PEF1
UniProt Synonym Gene Names	ABP32
UniProt Entry Name	PEF1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/pef1-antibody-western-blot-elisa/282864>