

PEF1 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AW5584

Product Information

Application	WB
Primary Accession	Q9UBV8
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	30 KDa
Isotype	Rabbit IgG
Antigen Source	HUMAN

Additional Information

Antigen Region	95-121
Other Names	Peflin, PEF protein with a long N-terminal hydrophobic domain, Penta-EF hand domain-containing protein 1, PEF1, ABP32
Dilution	WB~~1:1000
Target/Specificity	This PEF1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 95-121 amino acids from the Central region of human PEF1.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	PEF1 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

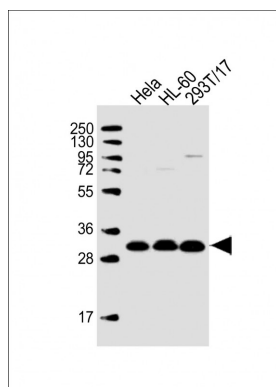
Background

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.

References

Lamesch, P., et al. Genomics 89(3):307-315(2007)
Hansen, C., et al. FEBS Lett. 545 (2-3), 151-154 (2003) :
Satoh, H., et al. Biochim. Biophys. Acta 1600 (1-2), 61-67 (2002) :
Kitaura, Y., et al. Arch. Biochem. Biophys. 399(1):12-18(2002)
Kitaura, Y., et al. J. Biol. Chem. 276(17):14053-14058(2001)

Images



All lanes : Anti-PEF1 Antibody (Center) at 1:1000 dilution
Lane 1: HeLa whole cell lysate Lane 2: HL-60 whole cell lysate Lane 3: 293T/17 whole cell lysate Lysates/proteins at 20 μ g per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 30 kDa Blocking/Dilution buffer: 5% NFDm/TBST.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.