

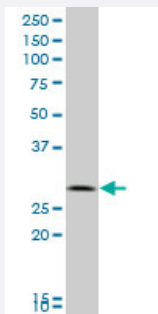
MaxPab®

PEF1 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00553115-B01P

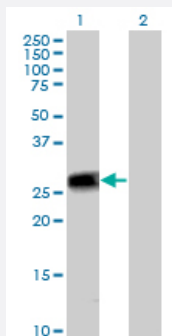
Size 50 ug

Applications



Western Blot (Tissue lysate)

PEF1 MaxPab polyclonal antibody. Western Blot analysis of PEF1 expression in human thyroid (diffuse hyperplasia).



Western Blot (Transfected lysate)

Western Blot analysis of PEF1 expression in transfected 293T cell line ([H00553115-T01](#)) by PEF1 MaxPab polyclonal antibody.

Lane 1: PEF1 transfected lysate(31.35 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human PEF1 protein.

Immunogen

PEF1 (AAH02773, 1 a.a. ~ 284 a.a) full-length human protein.

Sequence

MASYPYRQGCPGAAGQAPGAPPGSYYPGPPNSGGQYGSGLPPGGGYGGPAPGGPYGPPAGG
GPYGHNPNGMFPSGTPGGPYGGAAPGGPYGQPPSSYGAQQPGLYGQGGAPPNVDPEAYSWF
QSVSDHSGYISMKELKQALVNCNWSSFNDETCLMMINMFDKTKSGRIDVYGFSALWKFIQQWK
NLFQQYDRDRSGSISYTELQQALSQMGYNLSPQFTQLLVSRYPGRSANPAMQLDRFIQVCTQLQV
LTEAFREKDTAVQGNIRLSFEDFVTMTASRML

Host

Mouse

Reactivity	Human
Interspecies Antigen Sequence	Mouse (84); Rat (81)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

PEF1 MaxPab polyclonal antibody. Western Blot analysis of PEF1 expression in human thyroid (diffuse hyperplasia).

[Protocol Download](#)

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Western Blot analysis of PEF1 expression in transfected 293T cell line ([H00553115-T01](#)) by PEF1 MaxPab polyclonal antibody.

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[Protocol Download](#)

Gene Info — PEF1

Entrez GeneID	553115
GeneBank Accession#	BC002773
Protein Accession#	AAH02773
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