For Research Use Only

EDF1 Polyclonal antibody

Catalog Number:12419-1-AP Featured Product 4 Publications

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Basic Information

Catalog Number:
12419-1-AP

Size:
900 μg/ml

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG3063

GenBank Accession Number:
BC015500

GeneID (NCBI):
8721

UNIPROT ID:
O60869

Full Name:
endothelial differentiation-related factor 1

Calculated MW:
148 aa, 16 kDa

Observed MW:
18-20 kDa

Purification Method:
Antigen affinity purification

Recommended Dilutions:
WB 1:500-1:3000
IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate
IHC 1:20-1:200

Applications

Tested Applications:
IHC, IP, WB,ELISA

Cited Applications:
WB, IP

Species Specificity:
human, mouse

Cited Species:
human, mouse

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : Jurkat cells, A549 cells, mouse pancreas tissue

IP : Jurkat cells,

IHC : human prostate cancer tissue,

Background Information

Notable Publications

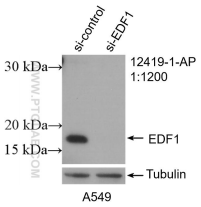
Author	Pubmed ID	Journal	Application
Xu-Yun Zhao	30061575	Nat Commun	WB,IP
Matthias Höllerhage	35481270	Front Neurol	WB
Shiyu Luo	38966981	Dis Model Mech	WB

Storage

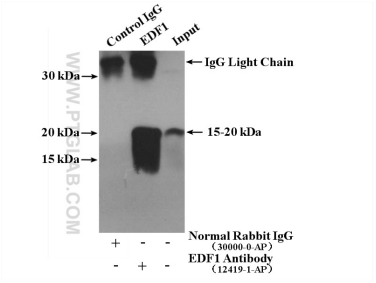
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

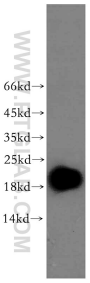
Selected Validation Data



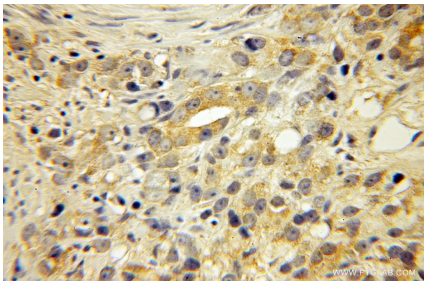
WB result of EDF1 antibody (12419-1-AP; 1:1200; incubated at room temperature for 1.5 hours) with sh-Control and sh-EDF1 transfected A549 cells.



IP result of anti-EDF1 (IP:12419-1-AP, 4ug; Detection:12419-1-AP 1:500) with Jurkat cells lysate 2920 ug.



Jurkat cells were subjected to SDS PAGE followed by western blot with 12419-1-AP (EDF1 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human prostate cancer using 12419-1-AP (EDF1 antibody) at dilution of 1:50 (under 10x lens).