For Research Use Only

FADD Polyclonal antibody

Catalog Number:14906-1-AP 69 Publications

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Basic Information

Catalog Number:
14906-1-AP

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG6701

GenBank Accession Number:
BC000334

GeneID (NCBI):
8772

UNIPROT ID:
Q13158

Full Name:
Fas (TNFRSF6)-associated via death domain

Calculated MW:
23 kDa

Observed MW:
23-30 kDa

Purification Method:
Antigen affinity purification

Recommended Dilutions:
WB: 1:2000-1:10000
IP: 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate
IHC: 1:500-1:2000
IF/ICC: 1:200-1:800

Applications

Tested Applications:
WB, IHC, IF/ICC, IP, ELISA

Cited Applications:
WB, IHC, IF, IP, CoIP

Species Specificity:
human, mouse

Cited Species:
human, mouse, rat, monkey, bovine, sheep

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 : HT-1080 cells, mouse pancreas tissue, A549 cells, mouse bone marrow, HeLa cells, HepG2 cells, Jurkat cells

IP : A549 cells,

IHC : human lung cancer tissue, human colon tissue, human cervical cancer tissue, rat kidney tissue, mouse kidney tissue

IF/ICC : HeLa cells,

Background Information

Fas-Associated protein with Death Domain (FADD), also called MORT1 or GIG3, is encoded by the FADD gene. FADD is an adaptor protein that bridges members of the tumor necrosis factor receptor superfamily, such as the Fas-receptor, to procaspases 8 and 10 to form the death-inducing signaling complex (DISC) during apoptosis. As well as its most well known role in apoptosis, FADD has also been seen to play a role in other processes including proliferation, cell cycle regulation and development. FADD has a calculated molecular mass of 23 kDa and always can be detected as 23-30 kDa (PMID: 15390286, 22864571, 17977957)

Notable Publications

Author	Pubmed ID	Journal	Application
Tiantian Qiu	36139584	Cancers (Basel)	WB,IHC
Lu Yuan	32918989	Food Chem Toxicol	WB
Peng Tan	31493386	Exp Cell Res	WB,IHC

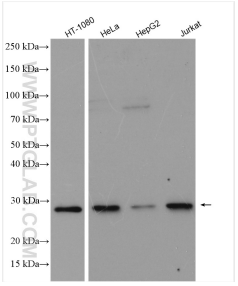
Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

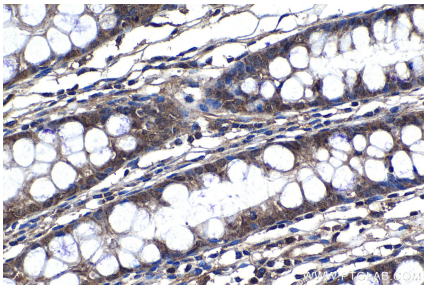
For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

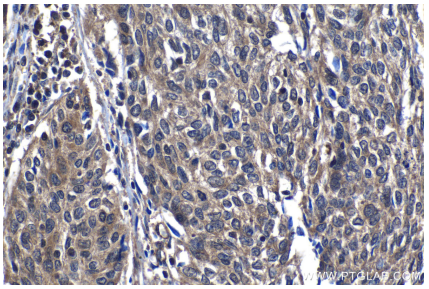
Selected Validation Data



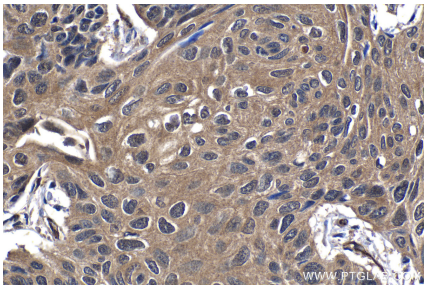
Various lysates were subjected to SDS PAGE followed by western blot with 14906-1-AP (FADD antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



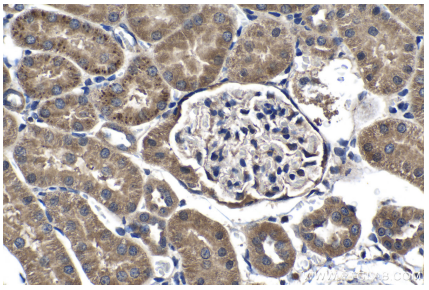
Immunohistochemical analysis of paraffin-embedded human colon tissue slide using 14906-1-AP (FADD antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



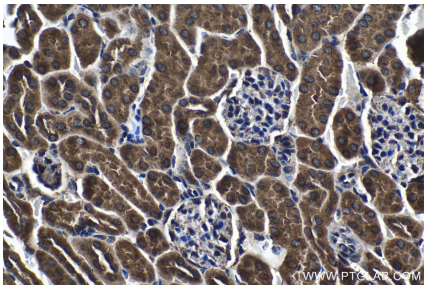
Immunohistochemical analysis of paraffin-embedded human cervical cancer tissue slide using 14906-1-AP (FADD antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



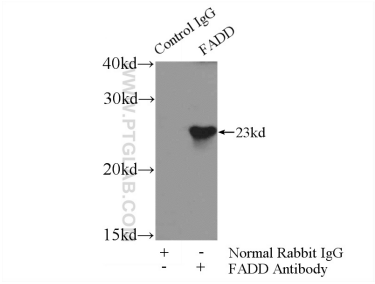
Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 14906-1-AP (FADD antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



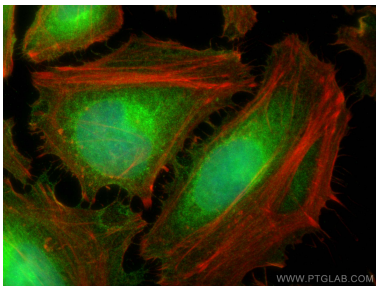
Immunohistochemical analysis of paraffin-embedded rat kidney tissue slide using 14906-1-AP (FADD antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using 14906-1-AP (FADD antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP result of anti-FADD (IP:14906-1-AP, 4ug; Detection:14906-1-AP 1:300) with A549 cells lysate 3040ug.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using FADD antibody (14906-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-phalloidin (red).