bs-0511R **[Primary Antibody]**

FADD Rabbit pAb

www.bioss.com.cn
sales@bioss.com.cn
techsupport@bioss.com.cn
400-901-9800

DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 8772 **SWISS:** Q13158

Target: FADD

Immunogen: KLH conjugated synthetic peptide derived from human FADD: 1-80/205.

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: Predicted to enable several functions, including caspase binding activity; death effector domain binding activity; and tumor necrosis factor receptor superfamily binding activity. Involved in several processes, including hematopoietic or lymphoid organ development; negative regulation of activation-induced cell death of T cells; and positive regulation of CD8-positive, alpha-beta cytotoxic T cell extravasation. Acts upstream of or within extrinsic apoptotic signaling pathway in absence of ligand; motor neuron apoptotic process; and regulation of programmed cell death. Predicted to be located in several cellular components, including cell body; cytosol; and membrane raft. Predicted to be part of CD95 death-inducing signaling complex and ripoptosome. Predicted to be active in cytoplasm. Is expressed in several structures, including alimentary system; brain; genitourinary system; hemolymphoid system gland; and liver and biliary system. Human ortholog(s) of this gene implicated in leukemia. Orthologous to human FADD (Fas associated via death domain). [provided by Alliance of Genome Resources, Apr 2022]

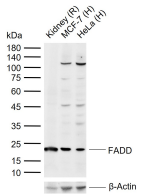
Applications: **WB** (1:500-2000)
IHC-P (1:100-500)
IHC-F (1:100-500)
IF (1:100-500)

Reactivity: Human, Rat (predicted: Mouse, Rabbit, Pig)

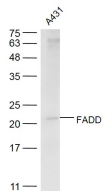
Predicted MW.: 23 kDa

Subcellular Location: Cytoplasm

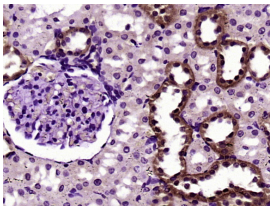
VALIDATION IMAGES



Sample: Lane 1: Rat Kidney tissue lysates Lane 2: Human MCF-7 cell lysates Lane 3: Human HeLa cell lysates Primary: Anti-FADD (bs-0511R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 23 kDa Observed band size: 23 kDa

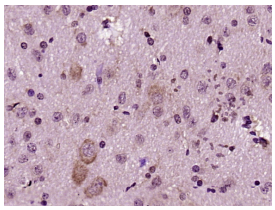


Sample: A431(Human) Cell Lysate at 30 ug Primary: Anti-FADD (bs-0511R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 23 kD Observed band size: 23 kD



Paraformaldehyde-fixed, paraffin embedded (Rat kidney); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (FADD) Polyclonal Antibody, Unconjugated (bs-0511R) at 1:400 overnight at 4°C, followed by a conjugated secondary antibody (sp-0023) for 20 minutes and DAB

staining.



Paraformaldehyde-fixed, paraffin embedded (Rat brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (FADD) Polyclonal Antibody, Unconjugated (bs-0511R) at 1:400 overnight at 4°C, followed by a conjugated secondary antibody (sp-0023) for 20 minutes and DAB staining.

SELECTED CITATIONS

- **[IF=7.129]** Furui Han. et al. In vivo and in vitro study on hepatotoxicity of Tris-(2, 3-dibromopropyl) isocyanurate exposure via mitochondrial and death receptor pathway. ECOTOX ENVIRON SAFE. 2022 Nov;246:114186 WB ;Rat, Human. 36244175
- **[IF=4.181]** Yang et al. Sialic acid rescues repurified lipopolysaccharide-induced acute renal failure via inhibiting TLR4/PKC/gp91-mediated endoplasmic reticulum stress, apoptosis, autophagy, and pyroptosis signaling. (2014) Toxicol.Sci. 141:155-65 WB ;Rat. 24973090
- **[IF=2.791]** Wang Q et al. Cdc20 and molecular chaperone CCT2 and CCT5 are required for the Muscovy duck reovirus p10. 8-induced cell cycle arrest and apoptosis. Vet Microbiol. 2019 Jun 28;235:151-163. WB ;Monkey. 31282373
- **[IF=2.92]** Luan Jing. et al. Inhibition of CHRM3 Alleviates Necrosis Via the MAPK-p38/miR-31-5p/RIP3 Axis in l-Arginine–Induced Severe Acute Pancreatitis. Pancreas. 2020 Nov;49(10):1335-1341 WB ;Mouse. 33122522
- **[IF=1.66]** Ji and Ji Laminarin-induced apoptosis in human colon cancer LoVo cells. (2014) Oncol.Lett. 7:1728-1732 WB ;Human. 24765209