

bs-3546R**[Primary Antibody]****Bioss**
ANTIBODIES

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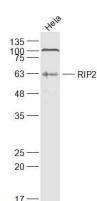
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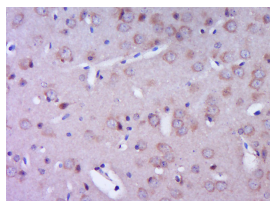
400-901-9800

RIP2 Rabbit pAb**— DATASHEET —**

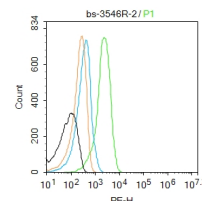
Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Flow-Cyt (2ug/Test) Reactivity: Human, Mouse (predicted: Rat, Rabbit, Pig, Cow, Dog, GuineaPig) Predicted MW.: 60 kDa Subcellular Location: Cytoplasm
Clonality: Polyclonal		
GeneID: 8767	SWISS: O43353	
Target: RIP2		
Immunogen: KLH conjugated synthetic peptide derived from human RIP2: 401-540/540.		
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: This gene encodes a member of the receptor-interacting protein (RIP) family of serine/threonine protein kinases. The encoded protein contains a C-terminal caspase activation and recruitment domain (CARD), and is a component of signaling complexes in both the innate and adaptive immune pathways. It is a potent activator of NF-kappaB and inducer of apoptosis in response to various stimuli. [provided by RefSeq, Jul 2008].		

— VALIDATION IMAGES —

Sample: HeLa(Human) Cell Lysate at 30 ug
 Primary: Anti-RIP2 (bs-3546R) at 1/1000 dilution
 Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 60 kD
 Observed band size: 60 kD



Paraformaldehyde-fixed, paraffin embedded (Mouse 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 (RIP2) Polyclonal Antibody, Unconjugated (bs-3546R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Blank control:A431. Primary Antibody (green line): Rabbit Anti-RIP2 antibody (bs-3546R) Dilution: 2μg /10⁶ cells; Isotype Control Antibody (orange line): Rabbit IgG . Secondary Antibody : Goat anti-rabbit IgG-PE Dilution: 1μg /test. Protocol The cells were fixed with 4% PFA (10min at room temperature)and then permeabilized with 0.1% PBST for 20 min at room temperature.The cells were then incubated in 5%BSA to block non-specific protein-protein interactions for 30 min at room temperature .Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20,000 events was performed.

— SELECTED CITATIONS —

- **[IF=6.208]** Lan Yang. et al. Lactobacillusjohnsonii L531 Protects against Salmonella Infantis-Induced Intestinal Damage by Regulating the NOD Activation, Endoplasmic Reticulum Stress, and Autophagy. INT J MOL SCI. 2022 Jan;23(18):10395 WB ;Pig, Human. 36142312
- **[IF=4.478]** Chan Leong-Perng. et al. Growth Regulated Oncogene-α Upregulates TNF-α and COX-2 and Activates

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

NOD1/RIPK2 mediated-MAPK Pathway in Head and Neck Squamous Cell Carcinoma. J CANCER. 2023 Apr;14(6):989-1000 IF
;Human. 37151389