

bs-3421R**[Primary Antibody]****phospho-A Raf (Tyr301 + Tyr302) Rabbit pAb****BioSS**
ANTIBODIES

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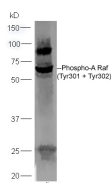
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— DATASHEET —

Host: Rabbit Clonality: Polyclonal GeneID: 369 Target: A Raf (Tyr301 + Tyr302) Immunogen: KLH conjugated Synthesised phosphopeptide derived from human A Raf around the phosphorylation site of Tyr301/302: G(p-Y)(p-Y)WE. 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: The RAF family of signaling proteins has three isoforms: A RAF, RAF 1 and B RAF. These proteins are instrumental in forwarding the stimulus generated by mitogens from monomeric G proteins to the MAP kinase pathway. RAF 1 is known to be downstream of Ras and binds to it by an N terminal noncatalytic domain. This domain is conserved in A RAF and B RAF. 14-3-3 is also known to be an activator of RAFs. Activated RAF directly phosphorylates and activates MEK. A RAF is expressed at a very high concentration in urogenital and kidney tissues.	Isotype: IgG SWISS: P10398	Applications: WB (1:500-2000) Reactivity: Mouse (predicted: Human, Rat, Rabbit, Pig, Sheep, Cow, Dog, Horse) Predicted MW.: 67 kDa Subcellular Location: Cytoplasm
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— VALIDATION IMAGES —

Sample: Liver(Mouse) lysate at 30ug; Primary: Anti-Phospho-A Raf (Tyr301 + Tyr302) at 1:300 dilution; Secondary: HRP conjugated Goat-Anti-rabbit IgG(bs-0295G-HRP) at 1: 5000 dilution; Predicted band size:67 kD Observed band size:67 kD

— SELECTED CITATIONS —

- **[IF=14.3]** Zhuqi Huang. et al. Macrophage WEE1 Directly Binds to and Phosphorylates NF-κB p65 Subunit to Induce Inflammatory Response and Drive Atherosclerosis. ADV SCI. 2025 Apr;2503192 ;. 40202104