

bs-6098R**[Primary Antibody]****Rho GTPase activating protein 29 Rabbit pAb****Bioss**
ANTIBODIES

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— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		IHC-P (1:100-500)
GeneID: 9411	SWISS: Q52LW3	IHC-F (1:100-500)
Target: Rho GTPase activating protein 29		IF (1:100-500)
Immunogen: KLH conjugated synthetic peptide derived from human PARG1: 301-400/1261.		ELISA (1:5000-10000)
Purification: affinity purified by Protein A		Reactivity: (predicted: Human, Mouse, Rat, Rabbit, Pig, Cow, Dog, Horse)
Concentration: 1mg/ml		Predicted MW.: 142 kDa
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.		Subcellular Location: Cytoplasm
Background: Rho GTPase activating protein 29 is a GTPase activator for the Rho-type GTPases. It converts them to an inactive GDP-bound state. It has strong activity toward RHOA and weaker activity toward RAC1 and CDC42. It also may act as a specific effector of RAP2A to regulate Rho. There are two named isoforms produced by alternative splicing. Rho GTPase activating protein 29 is widely expressed; highly expressed in skeletal muscle and heart; expressed at intermediate level in placenta, liver and pancreas; weakly expressed in brain, lung and kidney.		

— SELECTED CITATIONS —

- **[IF=4.074]** Zhang M et al. Proteomic analysis reveals proteins and pathways associated with lactation in bovine mammary epithelial cell-derived exosomes. J Proteome Res . 2020 Aug 7;19(8):3211-3219. **WB ;Cow.** 32506918