

bs-8592R**[Primary Antibody]****Bioss**
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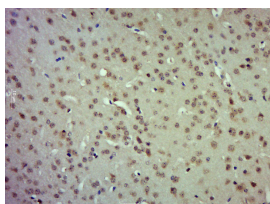
sales@bioss.com.cn

techsupport@bioss.com.cn

400-901-9800

Etv5 Rabbit pAb**— DATASHEET —**

Host: Rabbit	Isotype: IgG	Applications: IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Reactivity: Mouse (predicted: Human, Rat, Pig, Sheep, Cow, Dog, Horse) Predicted MW.: 58 kDa
Clonality: Polyclonal		
GeneID: 2119	SWISS: P41161	
Target: Etv5		
Immunogen: KLH conjugated synthetic peptide derived from human ERM/Etv5: 301-385/510.		
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: Rad and Gem related GTP binding protein (REM) is a member of the RGK subfamily of Ras-like GTPases that also includes Rad, REM2 and Gem/Kir. REM is a phosphorylated protein that is highly expressed in cardiac muscle and moderately expressed in lung, kidney and skeletal muscle. REM associates with several 14-3-3 isoforms as well as with calmodulin in a calcium-dependent manner. REM mediates two distinct signal transduction pathways that regulate both cytoskeletal reorganization and voltage-gated calcium channel activity. REM decreases the current that passes through cardiac voltage-gated L-type Ca channels (Ca _v L). Overexpression of REM may result in the development of cytoplasmic processes, reorganization of the Actin cytoskeleton, reduction in focal adhesion size and an elongated or dendritic-like cell morphology.		

— VALIDATION IMAGES —

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 (Etv5) Polyclonal Antibody, Unconjugated (bs-8592R) at 1:500 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.

— SELECTED CITATIONS —

- **[IF=3.26]** Mu, Hailong, et al. "PLZF - Induced Upregulation of CXCR4 Promotes Dairy Goat Male Germline Stem Cell Proliferation by Targeting Mir146a." Journal of Cellular Biochemistry (2015). Other ;="Goat". 26365432
- **[IF=3.12]** Zheng, Liming, et al. "CD49f promotes proliferation of male dairy goat germline stem cells." Cell Proliferation (2016). Other ;="Goat". 26841372

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

- **[IF=1.06]** Yuan, Quan, et al. "Human microvascular endothelial cell promotes the development of dorsal root ganglion neurons via BDNF pathway in a co-culture system." *Bioscience, Biotechnology, and Biochemistry* (2017): 1-8. WB ;="Human". 28394221