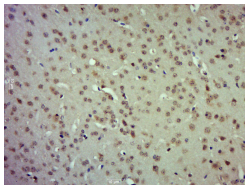
www.bioss.com.cn
sales@bioss.com.cn
techsupport@bioss.com.cn
400-901-9800

Etv5 Rabbit pAb

Catalog Number:	bs-8592R
Target Protein:	Etv5
Concentration:	1mg/ml
Form:	Liquid
Host:	Rabbit
Clonality:	Polyclonal
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
Entrez Gene:	2119
Swiss Prot:	P41161
Source:	KLH conjugated synthetic peptide derived from human ERM/Etv5: 301-385/510.
Purification:	affinity purified by Protein A
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)). 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.

PRODUCT SPECIFIC PUBLICATIONS

[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

[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