bs-3588R

[Primary Antibody]

CRTC1 Rabbit pAb



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

– DATASHEF	т — —			01 3000	
Host:	Rabbit	Isotype: IgG	Applications	: IHC-P (1:100-500)	
Clonality:	Polyclonal			IHC-F (1:100-500)	
GenelD:	23373	SWISS: Q6UUV9		Flow-Cyt (2µg /Te	
Target:	CRTC1			ICC/IF (1:25)	
Immunogen:	KLH conjugated syn 3-100/634.	thetic peptide derived from human CRTC1:	Reactivity	Human, Rat (predicted: Mouse	
Purification :	affinity purified by P	Protein A		Chicken, Dog)	
Concentration:	1mg/ml		Dradicto	4	
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.			Subcellula Location	Subcellular Location: Cytoplasm ,Nucle	
Background:	which activates tran cAMP response elen modulate CREB1 DN interaction of CREB. MAML2 (MasterMind t(11;19) (q21;p13). T carcinomas, benign The novel fusion pro pathway. The fusior joined to the C-term consisting of the N-t MECT1 has been det carcinomas. Multipl	scription through both consensus and varia nent (CRE) sites. MECT1 does not appear to IA-binding activity but enhances the 1 with TAF4/TAFII-130. MECT1 translocates v I-Like Protein 2) to yield a fusion oncogene: his translocation occurs in mucoepidermoid Warthin tumors and clear cell hidradenoma oduct that results disrupts the Notch signalin protein consists of the N-terminus of MECT tinus of MAML2. The reciprocal fusion protei terminus of MAML2 joined to the C-terminus tected in a small number of mucoepidermoi e isoforms have been reported for the MECT	int vith d as. ng 1 n of id 1		

— VALIDATION IMAGES



protein.

Paraformaldehyde-fixed, paraffin embedded (Rat 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 (TORC1/CRTC1) Polyclonal Antibody, Unconjugated (bs-3588R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.



Hela cell; 4% Paraformaldehyde-fixed; Triton X-100 at room temperature for 20 min; Blocking buffer (normal goat serum, C-0005) at 37°C for 20 min; Antibody incubation with (CRTC1) polyclonal Antibody, Unconjugated (bs-3588R) 1:25, 90 minutes at 37°C; followed by a conjugated Goat Anti-Rabbit IgG antibody at 37°C for 90 minutes, DAPI (blue, C02-04002) was used to stain the cell nuclei.



Blank control (black line) :SH-SY5Y. Primary Antibody (green line): Rabbit Anti-CRTC1 antibody (bs-3588R) Dilution:2ug/Test; Secondary Antibody (white blue line) : Goat anti-rabbit IgG-AF488 Dilution: 0.5ug/Test. Isotype control (orange line) : Normal Rabbit IgG Protocol The cells were fixed with 4% PFA (10min at room temperature) and then permeabilized with 90% ice-cold methanol for 20 min at -20°C, 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.

:100-500) v-Cyt (2µg /Test) IF (1:25) nan, Rat dicted: Mouse, Cow, ken, Dog)

plasm ,Nucleus



Positive control: Hela cells Concebtration: $5\mu g/10^{6}$ cells Incubation conditions: Avoid light , 30 minutes on the ice.

- SELECTED CITATIONS -

- [IF=5.108] Fei D et al. The disturbance of autophagy and apoptosis in the gizzard caused by copper and/or arsenic are related to mitochondrial kinetics. Chemosphere. 2019 Sep;231:1-9. WB ;Chicken. 31128342
- [IF=4.527] Mu MY et al. Arsenic trioxide or/and copper sulfate co-exposure induce glandular stomach of chicken injury via destruction of the mitochondrial dynamics and activation of apoptosis as well as autophagy. Ecotoxicology and Environmental Safety 185 (2019) 1096. WB ;Chicken. doi:10.1016/j.ecoenv.2019.109678
- [IF=3.212] Yachen Liu. et al. Arsenic (III) and/or copper (II) induces oxidative stress in chicken brain and subsequent effects on mitochondrial homeostasis and autophagy. J Inorg Biochem. 2020 Oct;211:111201 WB ;Chicken. 32805460
- [IF=2.361] Shao Y et al. Copper-Mediated Mitochondrial Fission/Fusion Is Associated with Intrinsic Apoptosis and Autophagy in the Testis Tissues of Chicken.Biol Trace Elem Res. 2018 Jul 4. WB ;Chicken. 29974384