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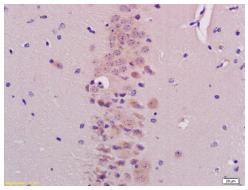
BHLHB9/p60TRP Rabbit pAb

Catalog Number:	bs-11653R
Target Protein:	BHLHB9/p60TRP
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:	60 kDa
Entrez Gene:	80823
Source:	KLH conjugated synthetic peptide derived from human BHLHB9/p60TRP: 451-547/547.
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:	Basic helix-loop-helix (bHLH) proteins are a group of transcription factors that influence the regulation of neurogenesis, cardiogenesis, myogenesis, differentiation and cell proliferation. p60TRP (p60-transcription-regulator-protein), also known as BHLHb9 (basic helix-loop-helix domain containing, class B, 9) or p60-like protein, is a 547 amino acid cytoplasmic and nuclear protein that belongs to the GPRASP family. A few members of the GRASP family are considered G protein-coupled receptors that play a role in many different stimulus-response pathways. Highly expressed in brain, p60TRP may be involved in the control of cellular aging and survival. In colon cancer cells, p60TRP is down regulated due to CpG hypermethylation of its promoter, and patients suffering from Alzheimer disease have low levels of p60TRP. p60TRP binds to karyopherin ∫3, also known as Ran BP-5, and protein-phosphatase-2A (PP2A), and is encoded by a gene located on human chromosome Xq22.1.

VALIDATION IMAGES



Tissue/cell: mouse brain tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min; Incubation: Anti-BHLHB9/p60TRP Polyclonal Antibody, Unconjugated(bs-11653R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

PRODUCT SPECIFIC PUBLICATIONS

[IF=3.511] Xue Qiao. et al. METTL3/14 and IL-17 signaling contribute to CEBPA-DT enhanced oral cancer cisplatin resistance. 2021 Dec 02

WB,IHC ; Mouse . 34807506