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BEST2 Polyclonal Antibody

Cat #: ABP57207 Size: 30μl /100μl /200μl

Product Information

	Product Name: BEST2 Polyclonal Antibody		
	Applications: WB, IHC-P		**Isotype:** Rabbit IgG
	Reactivity: Mouse, Rat		
REF	**Catalog Number:** ABP57207	LOT	**Lot Number:** Refer to product label
	Formulation: Liquid		**Concentration:** 1 mg/ml
	Storage: Store at -20°C. Avoid repeated freeze / thaw cycles.		**Note:** Contain sodium azide.

Background: BEST2 (bestrophin 2) is a member of the bestrophin gene family of anion channels. Bestrophin genes share a similar gene structure with highly conserved exon-intron boundaries, but with distinct 3' ends. Bestrophins are transmembrane proteins that contain a homologous region rich in aromatic residues, including an invariant arg-phe-pro motif. Mutation in one of the family members (bestrophin 1) is associated with vitelliform macular dystrophy. The bestrophin 2 gene is mainly expressed in the retinal pigment epithelium and colon.

Application Notes: Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: WB (1:500-1:1000), IHC-P (1:200-1:500).

Storage Buffer: PBS, pH 7.4, containing 0.02% Sodium Azide as preservative and 50% Glycerol.

Storage Instructions: Stable for one year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing.

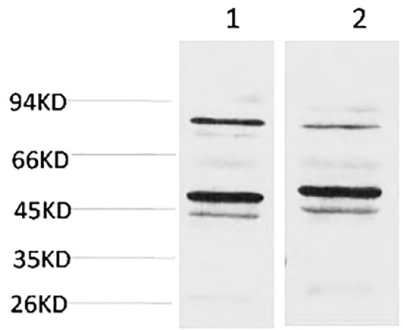

Fig.1. Western blot analysis of 1) Mouse Brain Tissue, 2) Rat Brain Tissue using BEST2 Polyclonal Antibody. Secondary antibody (catalog#: A21020) was diluted at 1:20000.

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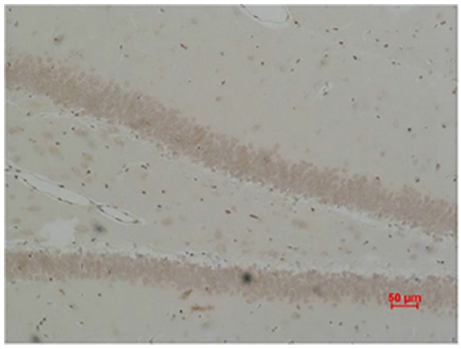	Fig.2. Immunohistochemical analysis of paraffin-embedded Rat Brain Tissue using BEST2 Polyclonal Antibody.

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