bs-34076R

[Primary Antibody]

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5HT3A Receptor Rabbit pAb

- DATASHEET -

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GenelD: 3359 **SWISS:** P46098

Target: 5HT3A Receptor

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: The product of this gene belongs to the ligand-gated ion channel

receptor superfamily. This gene encodes subunit A of the type 3 receptor for 5-hydroxytryptamine (serotonin), a biogenic hormone that functions as a neurotransmitter, a hormone, and a mitogen. This receptor causes fast, depolarizing responses in neurons after activation. It appears that the heteromeric combination of A and B subunits is necessary to provide the full functional features of this receptor, since either subunit alone results in receptors with very low conductance and response amplitude. Alternatively spliced transcript variants encoding different isoforms have been identified. Expressed in cerebral cortex, amygdala, hippocampus, and testis. Detected in monocytes of the spleen and tonsil, in small and large intestine, uterus, prostate, ovary and placenta. Belongs

to the ligand-gated ionic channel (TC 1.A.9) family.

Applications: WB (1:500-2000)

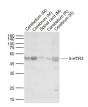
ELISA (1:5000-10000)

Reactivity: Human, Mouse, Rat

Predicted 53 kDa

Subcellular Location: Cell membrane

VALIDATION IMAGES



Sample: Lane 1: Cerebellum (Mouse) Lysate at 40 ug Lane 2: Cerebrum (Mouse) Lysate at 40 ug Lane 3: Spinal cord (Mouse) Lysate at 40 ug Lane 4: Cerebellum (Rat) Lysate at 40 ug Lane 5: Cerebrum (Rat) Lysate at 40 ug Primary: Anti-5-HTR3 (bs-34076R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 52-55 kD Observed band size: 52 kD