

AP52128PU-N**Polyclonal Antibody to Serotonin receptor 3A (HTR3A) (N-term) - Aff - Purified**

Alternate names:	5-HT3A, 5-HT3R, 5-hydroxytryptamine receptor 3A, Serotonin-gated ion channel receptor
Quantity:	0.4 ml
Concentration:	lot specific
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.
Uniprot ID:	P46098
NCBI:	NP_000860
GeneID:	3359
Host / Isotype:	Rabbit / Ig
Immunogen:	KLH conjugated synthetic peptide between 37-66 amino acids from the N-terminal region of Human Serotonin receptor 3A (HTR3A)
Format:	State: Liquid purified Ig fraction Purification: Protein A column, followed by peptide affinity purification Buffer System: PBS containing 0.09% (W/V) Sodium Azide as preservative
Applications:	ELISA: 1/1000. Western Blot: 1/100-1/500. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody recognizes Human Serotonin receptor 3A (HTR3A) (N-term).
Add. Information:	Molecular Weight: 55280 Da
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Gatt, J.M., et al. Biol. Psychiatry 68(9):818-824(2010) Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010) Gatt, J.M., et al. Depress Anxiety 27(8):752-759(2010) Ruano, G., et al. Pharmacogenomics 11(7):959-971(2010) Hammer, C., et al. Pharmacogenomics 11(7):943-950(2010)

Pictures:

Western blot analysis of HTR3A Antibody (N-term) Cat.-No AP52128PU-N in MDA-MB453, K562 cell line lysates (35ug/lane). This demonstrates the HTR3A antibody detected the HTR3A protein (arrow).

