

Product datasheet for **AP52128PU-N**

5HT3A receptor (HTR3A) (N-term) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	ELISA: 1/1000. Western Blot: 1/100-1/500.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 37-66 amino acids from the N-terminal region of Human Serotonin receptor 3A (HTR3A)
Specificity:	This antibody recognizes Human Serotonin receptor 3A (HTR3A) (N-term).
Formulation:	PBS containing 0.09% (W/V) Sodium Azide as preservative State: Aff - Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Protein A column, followed by peptide affinity purification
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	5-hydroxytryptamine receptor 3A
Database Link:	Entrez Gene 3359 Human P46098



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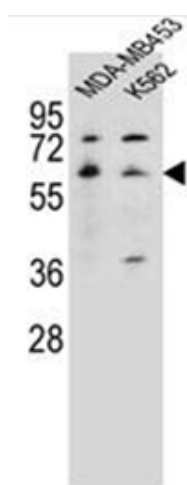
Background: The product of this gene belongs to the ligand-gated ion channel receptor superfamily. This gene encodes subunit A of the type 3 receptor for 5-hydroxytryptamine (serotonin), a biogenic hormone that functions as a neurotransmitter, a hormone, and a mitogen. This receptor causes fast, depolarizing 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.

Synonyms: 5-hydroxytryptamine receptor 3A, 5-HT3R, 5-HT3A

Note: **Molecular Weight:** 55280 Da

Protein Families: Druggable Genome, Ion Channels: Cys-loop Receptors, Transmembrane

Product images:



Western blot analysis of HTR3A Antibody (N-term) in MDA-MB453, K562 cell line lysates (35ug/lane). This demonstrates the HTR3A antibody detected the HTR3A protein (arrow).