

Product datasheet for **AP52131PU-N**

5HT7 Receptor (HTR7) (C-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 404-433 amino acids from the C-terminal region of Human Serotonin receptor 7 (HTR7).
Specificity:	This antibody recognizes Human Serotonin receptor 7 (HTR7) (C-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 7
Database Link:	Entrez Gene 3363 Human P34969
Background:	The neurotransmitter, serotonin, is thought to play a role in various cognitive and behavioral functions. The serotonin receptor encoded by this gene belongs to the superfamily of G protein-coupled receptors and the gene is a candidate locus for involvement in autistic disorder and other neuropsychiatric disorders. Three splice variants have been identified which encode proteins that differ in the length of their carboxy terminal ends.



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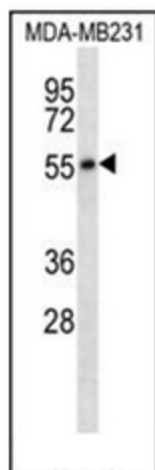
Synonyms: 5-hydroxytryptamine receptor 7, 5-HT-7, 5HT7

Note: **Molecular Weight:** 53555 Da

Protein Families: Druggable Genome, GPCR, Transmembrane

Protein Pathways: Calcium signaling pathway, Neuroactive ligand-receptor interaction

Product images:



Western blot analysis of HTR7 Antibody (C-term) in MDA-MB231 cell line lysates (35ug/lane). This demonstrates the HTR7 antibody detected the HTR7 protein (arrow).