

Product datasheet for **AP52130PU-N**

5HT4 Receptor (HTR4) (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 1-30 amino acids from the N-terminal region of Human Serotonin receptor 4 (HTR4).
Specificity:	This antibody recognizes Human Serotonin receptor 4 (HTR4) (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 4
Database Link:	Entrez Gene 3360 Human Q13639



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Background:

This gene is a member of the family of serotonin receptors, which are G protein coupled receptors that stimulate cAMP production in response to serotonin (5-hydroxytryptamine). The gene product is a glycosylated transmembrane protein that functions in both the peripheral and central nervous system to modulate the release of various neurotransmitters. Multiple transcript variants encoding proteins with distinct C-terminal sequences have been described.

Synonyms:

5-hydroxytryptamine receptor 4, 5-HT4, 5-HT-4

Note:

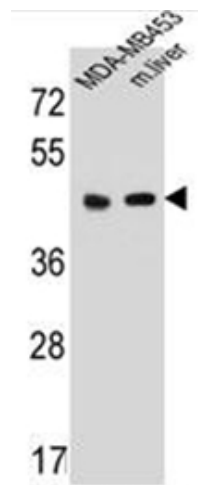
Molecular Weight: 43761 Da

Protein Families:

Druggable Genome, GPCR, Transmembrane

Protein Pathways:

Calcium signaling pathway, Neuroactive ligand-receptor interaction

Product images:

Western blot analysis of HTR4 Antibody (N-term) in MDA-MB453 cell line and mouse liver tissue lysates (35ug/lane). This demonstrates the HTR4 antibody detected the HTR4 protein (arrow).