

# HTR7 Rabbit mAb

Catalog # AP78407

## Product Information

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<b>Application</b>	WB
<b>Primary Accession</b>	<a href="#">P34969</a>
<b>Reactivity</b>	Rat, Human, Mouse
<b>Host</b>	Rabbit
<b>Clonality</b>	Monoclonal Antibody
<b>Isotype</b>	IgG
<b>Conjugate</b>	Unconjugated
<b>Immunogen</b>	A synthesized peptide derived from human 5HT7 Receptor
<b>Purification</b>	Affinity Purified
<b>Calculated MW</b>	53555

## Additional Information

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<b>Gene ID</b>	3363
<b>Other Names</b>	HTR7
<b>Dilution</b>	WB~~1/500-1/1000
<b>Format</b>	Liquid in 10mM PBS, pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol.
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

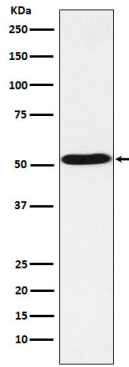
## Protein Information

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<b>Name</b>	HTR7 {ECO:0000303   Ref.3, ECO:0000312   HGNC:HGNC:5302}
<b>Function</b>	G-protein coupled receptor for 5-hydroxytryptamine (serotonin), a biogenic hormone that functions as a neurotransmitter, a hormone and a mitogen (PubMed: <a href="#">35714614</a> , PubMed: <a href="#">8226867</a> ). Ligand binding causes a conformation change that triggers signaling via guanine nucleotide-binding proteins (G proteins) and modulates the activity of downstream effectors (PubMed: <a href="#">35714614</a> , PubMed: <a href="#">8226867</a> ). HTR7 is coupled to G(s) G alpha proteins and mediates activation of adenylate cyclase activity (PubMed: <a href="#">35714614</a> ).
<b>Cellular Location</b>	Cell membrane; Multi-pass membrane protein
<b>Tissue Location</b>	[Isoform A]: Predominant isoform in spleen, caudate and hippocampus. [Isoform D]: Minor isoform in terms of expression.

# Images

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