

# HTR7 antibody - N-terminal region

Rabbit Polyclonal Antibody

Catalog # AI16212

## Product Information

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<b>Application</b>	WB
<b>Primary Accession</b>	<a href="#">P34969</a>
<b>Other Accession</b>	<a href="#">NM_000872</a> , <a href="#">NP_000863</a>
<b>Reactivity</b>	Human, Mouse, Rat, Pig, Dog, Horse
<b>Predicted</b>	Human, Mouse, Rat, Pig, Dog, Horse
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	53555

## Additional Information

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<b>Gene ID</b>	3363
<b>Alias Symbol</b>	5-HT7
<b>Other Names</b>	5-hydroxytryptamine receptor 7, 5-HT-7, 5-HT7, 5-HT-X, Serotonin receptor 7, HTR7
<b>Format</b>	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
<b>Reconstitution &amp; Storage</b>	Add 100 ul of distilled water. Final anti-HTR7 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
<b>Precautions</b>	HTR7 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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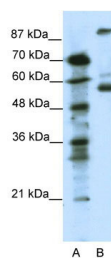
<b>Name</b>	HTR7 {ECO:0000303 Ref.3, ECO:0000312 HGNC:HGNC:5302}
<b>Function</b>	G-protein coupled receptor for 5-hydroxytryptamine (serotonin), a biogenic hormone that functions as a neurotransmitter, a hormone and a mitogen (PubMed: <a href="#">35714614</a> , PubMed: <a href="#">8226867</a> ). Ligand 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

## Tissue Location

[Isoform A]: Predominant isoform in spleen, caudate and hippocampus.  
[Isoform D]: Minor isoform in terms of expression.

## Images

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Host: Rabbit  
Target Name: HTR7  
Lane A: Marker  
Lane B: Jurkat cell lysate  
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Antibody Dilution: 0.125 µg/ml

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.