

# GPR62 Polyclonal Antibody

Catalog # AP70210

## Product Information

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<b>Application</b>	WB, E
<b>Primary Accession</b>	<a href="#">Q9BZJ7</a>
<b>Reactivity</b>	Human, Rat, Mouse
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	37614

## Additional Information

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<b>Gene ID</b>	118442
<b>Other Names</b>	GPR62; Probable G-protein coupled receptor 62; G-protein coupled receptor GPCR8; hGPCR8; G-protein coupled receptor KPG_005
<b>Dilution</b>	WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications. E~~N/A
<b>Format</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
<b>Storage Conditions</b>	-20°C

## Protein Information

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<b>Name</b>	GPR62
<b>Function</b>	Orphan G-protein coupled receptor. Constitutively activates the G(q/11)/inositol phosphate and the G(s)-alpha/cAMP signaling pathways (PubMed: <a href="#">28827538</a> ). Has spontaneous activity for beta-arrestin recruitment (PubMed: <a href="#">28827538</a> ). Shows a reciprocal modulation of signaling functions with the melatonin receptor MTNR1B most likely through receptor heteromerization (PubMed: <a href="#">28827538</a> ).
<b>Cellular Location</b>	Cell membrane; Multi-pass membrane protein. Endosome membrane; Multi-pass membrane protein. Note=Colocalizes with ARRB2 in the endosome (PubMed:28827538).
<b>Tissue Location</b>	Expressed in brain; detected in the basal forebrain, frontal cortex, caudate, putamen, thalamus and hippocampus

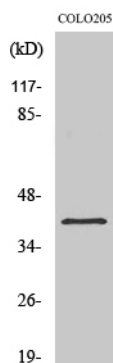
## Background

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Orphan G-protein coupled receptor. Constitutively activates the G(q/11)/inositol phosphate and the G(s)-alpha/cAMP signaling pathways (PubMed:[28827538](#)). Has spontaneous activity for beta-arrestin recruitment (PubMed:[28827538](#)). Shows a reciprocal modulation of signaling functions with the melatonin receptor MTNR1B most likely through receptor heteromerization (PubMed:[28827538](#)).

## Images

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Western Blot analysis of various cells using GPR62 Polyclonal Antibody

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