

## Product datasheet for **TA371729S**

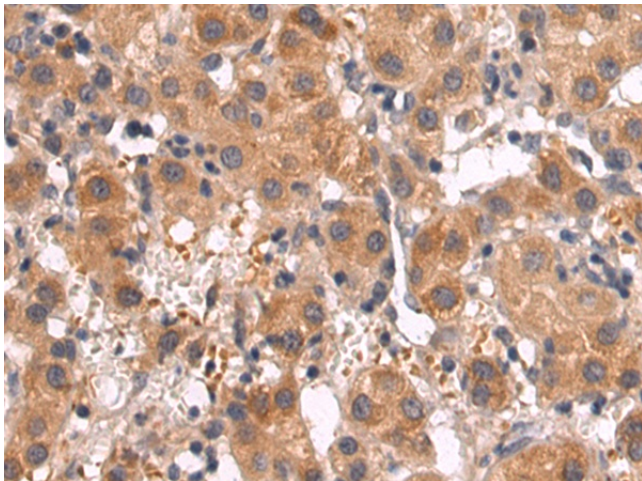
### Metabotropic Glutamate Receptor 5 (GRM5) Rabbit Polyclonal Antibody

#### Product data:

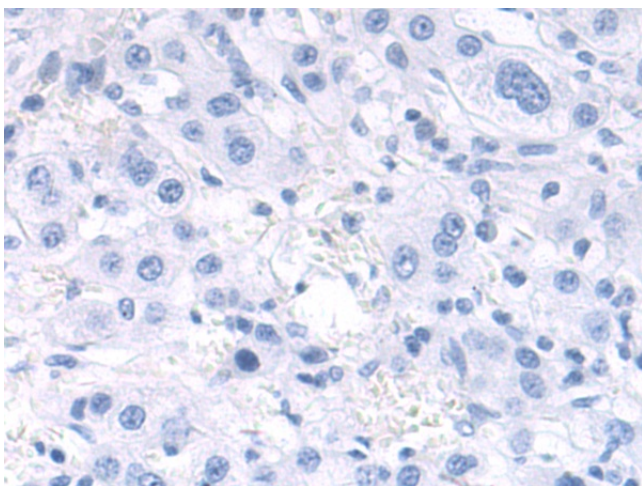
Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 50-200 Positive control: Human liver cancer Predicted cell location: Cell membrane
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human GRM5
Formulation:	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Gene Name:	glutamate metabotropic receptor 5
Database Link:	<a href="#">Entrez Gene 2915 Human P41594</a>
Background:	This gene encodes a member of the G-protein coupled receptor 3 protein family. The encoded protein is a metabotropic glutamate receptor, whose signaling activates a phosphatidylinositol-calcium second messenger system. This protein may be involved in the regulation of neural network activity and synaptic plasticity. Glutamatergic neurotransmission is involved in most aspects of normal brain function and can be perturbed in many neuropathologic conditions. A pseudogene of this gene has been defined on chromosome 11. Alternative splicing results in multiple transcript variants.
Synonyms:	GPRC1E; mGlu5; MGLUR5; OTTHUMP00000165953; OTTHUMP00000165957



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**Product images:**

Immunohistochemistry of paraffin-embedded Human liver cancer tissue using [TA371729] (GRM5 Antibody) at dilution 1/60 (Original magnification: x200)



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using [TA371729] (GRM5 Antibody) at dilution 1/60, treated with synthetic peptide. (Original magnification: x200)