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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0


F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Product Number	ARP58004_P050-Biotin
Product Page	www.avivasysbio.com/grm6-antibody-n-terminal-region-biotin-arp58004-p050-biotin.html
Name	GRM6 Antibody - N-terminal region : Biotin (ARP58004_P050-Biotin)
Protein Size (# AA)	877 amino acids
Molecular Weight	95kDa
Conjugation	Biotin
NCBI Gene Id	2916
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Glutamate receptor, metabotropic 6
Alias Symbols	mGlu6, CSNB1B, GPRC1F, MGLUR6
Peptide Sequence	Synthetic peptide located within the following region: AGGLTLGGLFPVHARGAAGRACGQLKKEQGVHRLEAMLYALDRVNADPEL
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Nielsen,D.A., (2008) Mol. Psychiatry 13 (4), 417-428
Description of Target	L- glutamate is the major excitatory neurotransmitter in the central nervous system and activates both ionotropic and metabotropic glutamate receptors. Glutamatergic neurotransmission is involved in most aspects of normal brain function and can be perturbed in many neuropathologic conditions. The metabotropic glutamate receptors are a family of G protein-coupled receptors, that have been divided into 3 groups on the basis of sequence homology, putative signal transduction mechanisms, and pharmacologic properties. Group I includes GRM1 and GRM5 and these receptors have been shown to activate phospholipase C. Group II includes GRM2 and GRM3 while Group III includes GRM4, GRM6, GRM7 and GRM8. Group II and III receptors are linked to the inhibition of the cyclic AMP cascade but differ in their agonist selectivities.
Protein Interactions	GNAO1;
Reconstitution and Storage	All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding.
Datasheets/Manuals	Printable datasheet for anti-GRM6 (ARP58004_P050-Biotin) antibody
Blocking Peptide	For anti-GRM6 (ARP58004_P050-Biotin) antibody is Catalog # AAP58004 (Previous Catalog # AAPP32427)
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human GRM6
Uniprot ID	O15303
Protein Name	Metabotropic glutamate receptor 6
Protein Accession #	NP_000834
Purification	Affinity Purified

Nucleotide Accession #	NM_000843
Gene Symbol	GRM6
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Pig, Rabbit, Sheep, Zebrafish
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 93%; Guinea Pig: 79%; Horse: 79%; Human: 100%; Mouse: 93%; Pig: 93%; Rabbit: 100%; Rat: 93%; Sheep: 79%; Zebrafish: 79%
Image 1	 A schematic diagram of a Y-shaped antibody molecule, consisting of two heavy chains and two light chains, represented by thick black lines.

AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.
Optimal conditions of its use should be determined by end users.

AVIVA SYSTEMS BIOLOGY
6370 Nancy Ridge Dr., Suite 104, San Diego, CA 92121 USA | Tel: (858)552-6979 | info@avivasysbio.com