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RGS8 Antibody

CATALOG NUMBER: XW-7537



Western Blot: E coli-derived fusion protein as test antigen (amino acids 1-85 of human RGS8 + 52kDa in-frame fusion partner). Affinity-Purified IgY dilution: 1/2000, Goat anti-IgY-HRP dilution: 1/1000. Colorimetric method for signal development.

Specifications

SPECIES REACTIVITY:	Human, Mouse, Rat
TESTED APPLICATIONS:	WB
APPLICATIONS:	RGS8 antibody can be used for the detection of RGS8 by Western blot, may also work for IHC and ICC.
USER NOTE:	Optimal dilutions for each application to be determined by the researcher.
PREDICTED MOLECULAR WEIGHT:	20.9 kDa (calculated)
IMMUNOGEN:	1-85
HOST SPECIES:	Chicken

Properties

PURIFICATION:	Antigen affinity-purified
PHYSICAL STATE:	Liquid
BUFFER:	Phosphate-Buffered Saline. No preservatives added.
CONCENTRATION:	1 mg/mL
STORAGE CONDITIONS:	RGS8 antibody can be stored at 4°C for short term (weeks). Long term storage should be at -20°C. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
CLONALITY:	Polyclonal
CONJUGATE:	Unconjugated

Additional Info

ALTERNATE NAMES: Regulator of G-protein signaling 8RGS8, RGS8

ACCESSION NO.: NP_203131.1

PROTEIN GI NO.: 16117777

OFFICIAL SYMBOL: RGS8

GENE ID: 85397

Background

BACKGROUND: Regulator of G-protein signalling 8. Regulator of G protein signaling (RGS) proteins are regulatory and structural components of G protein-coupled receptor complexes. RGS proteins are GTPase-activating proteins for Gi and Gq class G- α proteins. They accelerate transit through the cycle of GTP binding and hydrolysis and thereby accelerate signaling kinetics and termination. RGS8 is a brain-specific RGS protein.

REFERENCES: 1) Saitoh O, Murata Y, Odagiri M, Itoh M, Itoh H, Misaka T, Kubo Y. Alternative splicing of RGS8 gene determines inhibitory function of receptor type-specific Gq signaling. Proc Natl Acad Sci U S A. 2002 Jul 23;99(15):10138-43. Epub 2002 Jul 10.

FOR RESEARCH USE ONLY

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