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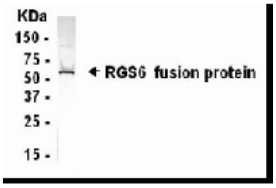
RGS6 Antibody

CATALOG NUMBER: XW-7535



Western blot analysis of E coli derived RGS6 fusion protein using XW-7535 at 1/2000.

Specifications

SPECIES REACTIVITY:	Human, Mouse, Rat
TESTED APPLICATIONS:	WB
APPLICATIONS:	RGS6 antibody can be used for the detection of RGS6 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:	64.5 kDa (calculated)
IMMUNOGEN:	231-265
HOST SPECIES:	Chicken

Properties

PURIFICATION:	Antigen affinity-purified
PHYSICAL STATE:	Liquid
BUFFER:	Phosphate-Buffered Saline. No preservatives added.
CONCENTRATION:	1 mg/mL
STORAGE CONDITIONS:	RGS6 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 6, S914, RGS6, GAP
ACCESSION NO.:	NP_004287.1
PROTEIN GI NO.:	4759038

OFFICIAL SYMBOL:	RGS6
GENE ID:	9628

Background

BACKGROUND:	Regulator of G-protein signalling 6 , RGS6; 231-265 is a unique region for RGS6 family. Members of the RGS (regulator of G protein signaling) family have been shown to modulate the functioning of G proteins by activating the intrinsic GTPase activity of the α (guanine nucleotide-binding) subunits. RGS6 negatively regulates G protein-coupled receptor signalling.
REFERENCES:	1) Snow,B. E., Betts,L., Mangion,J., Sondek,J. and Siderovski,D. P. Fidelity of G protein beta-subunit association by the G protein gamma-subunit-like domains of RGS6, RGS7, and RGS11. Proc. Natl. Acad. Sci. U. S. A. 96 (11), 6489-6494 (1999).

FOR RESEARCH USE ONLY

January 5, 2018