

DESCRIPTION

Species Reactivity	Chicken
Specificity	Detects chicken RGM-A in direct ELISAs and Western blots. In direct ELISAs and Western blots, approximately 25% cross-reactivity with recombinant human RGM and recombinant mouse RGM.
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	Mouse myeloma cell line NS0-derived recombinant chicken RGM-A Trp30-Asn404 (Asn404Asp) Accession # Q8JG54
Conjugate	Alexa Fluor 700 Excitation Wavelength: 675-700 nm Emission Wavelength: 723 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. [General Protocols](#) are available in the Technical Information section on our website.

Western Blot Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

Shipping The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.

Stability & Storage Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

BACKGROUND

Chicken RGM is the founding member of the RGM family of glycosylphosphatidylinositol (GPI)-anchored axon guidance proteins. It is a disulfide-linked dimer of the N-terminal RGD-containing segment (aa 30-149) and the C-terminal segment (aa 150-432). RGM-A binds with high affinity to neogenin. Chicken RGM-A (aa 30-401) shares 88% and 87% aa sequence identity with its human and mouse homologs, respectively.

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