

DESCRIPTION

Species Reactivity	Chicken
Specificity	Detects chicken RGM in Western blots.
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	Mouse myeloma cell line NS0-derived recombinant chicken RGM-A Trp30-Asn404 (Asn404Asp) Accession # Q8JG54
Formulation	Lyophilized from a 0.2 µm filtered solution in PBS with BSA as a carrier protein. See Certificate of Analysis for details.

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.

	Recommended Concentration	Sample
Western Blot	0.1 µg/mL	Recombinant Chicken Repulsive Guidance Molecule A/RGM-A

PREPARATION AND STORAGE

Reconstitution	Reconstitute at 0.2 mg/mL in sterile PBS.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	<p>Use a manual defrost freezer and avoid repeated freeze-thaw cycles.</p> <ul style="list-style-type: none"> • 12 months from date of receipt, -20 to -70 °C as supplied. • 1 month, 2 to 8 °C under sterile conditions after reconstitution. • 6 months, -20 to -70 °C under sterile conditions after reconstitution.

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 binds with high affinity to neogenin. Chicken RGM (aa 30-401) shares 88% and 87% aa sequence identity with its human and mouse homologs, respectively.