

Rabbit Anti-Mouse Thyroxine Binding Globulin (TBG) Polyclonal Antibody

Cat. No.: VD1N24

Product Type: Animal-targeted Antibodies

Size: 100 µL; 200 µL; 1 mL

Product Overview

BioVenic rabbit polyclonal antibody is specific for mouse thyroxine binding globulin. It is affinity purified by protein A. It can be applied to WB, IHC, ICC and IP assays of mouse thyroxine binding globulin.

Specifications

Application	WB; IHC; ICC; IP
Clonality	Polyclonal
Classification	Primary Antibody
Clone	A1N24
Host	Rabbit
Target Species	Mouse
Species Reactivity	Mouse
Specificity	Mouse Thyroxine Binding Globulin
Isotype	IgG
Immunogen	Recombinant protein of mouse thyroxine binding globulin
Purification	Protein A Purified
Concentration	0.5 mg/mL
Conjugation	Unconjugated
Preservative and Stabilizer	0.05% Proclin 300
Buffer	0.01M Phosphate Buffered Saline, pH 7.4, with 50% Glycerol
Physical State	Liquid

Target Information

Mouse Thyroxine Binding Globulin (TBG) is a key glycoprotein primarily synthesized in the liver. It belongs to the serpin family and has a molecular weight of approximately 54 kDa. TBG is responsible for transporting thyroid hormones, such as thyroxine (T4) and

triiodothyronine (T3), in the bloodstream, binding T4 with higher affinity than T3. It plays a critical role in regulating thyroid hormone levels and maintaining thyroid function.

Target	Mouse Thyroxine Binding Globulin
Target Synonym	SERPINA7; Serpin Peptidase Inhibitor Clade A Member 7; T4-binding globulin
Gene ID	331535
UniProt ID	P61939

Shipping and Storage

This product is shipped with wet ice packs. Store at -20°C on receipt (up to 2 years). Avoid repeated freezing and thawing as this may denature the antibody.

The product is for research use only. Not for commercial, prophylactic, diagnostic, or therapeutic applications. Please determine the purpose of the product before purchasing. For further information and inquiry, please contact us.