

Mouse/Rat α 1B-Glycoprotein Antibody

Antigen Affinity-purified Polyclonal Rabbit IgG Catalog Number: AF8537

DESCRIPTION			
Species Reactivity	Mouse/Rat		
Specificity	Detects mouse and rat α 1B-Glycoprotein in direct ELISAs and Western blots. In direct ELISAs, less than 1% cross-reactivity w recombinant human α 1B-Glycoprotein observed.		
Source	Polyclonal Rabbit IgG		
Purification	Antigen Affinity-purified		
Immunogen	Mouse myeloma cell line NS0-derived recombinant mouse α 1B-Glycoprotein Leu21-Gly512 Accession # Q19Ll2		
Formulation	Supplied as a solution in PBS containing BSA, Glycerol and Sodium Azide. See Certificate of Analysis for details. *Small pack size (-SP) is supplied either lyophilized or as a 0.2 µm filtered solution in PBS.		

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	1:1000 dilution	See Below
Immunocytochemistry	1:20-1:50 dilution	See Below
Simple Western	1:100 dilution	See Below

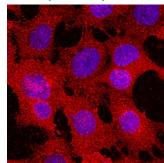
DATA

Western Blot | Sussel | Suss

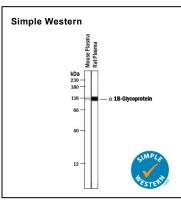
Detection of Mouse and Rat α 1B-Glycoprotein by Western Blot. Western blot shows mouse plasma and rat

plasma. PVDF membrane was probed with 1:1000 dilution of Rabbit Anti-Mouse/Rat α 1B-Glycoprotein Antigen Affinity-purified Polyclonal Antibody (Catalog # AF8537) followed by HRP-conjugated Anti-Rabbit 1gG Secondary Antibody (Catalog # HAF008). A specific band was detected for α 1B-Glycoprotein at approximately 75 kDa (as indicated). This experiment was conducted under reducing conditions and using Immunoblot Buffer Group 1.

Immunocytochemistry



α 1B-Glycoprotein in Hepa 1-6 Mouse Cell Line. α 1B-Glycoprotein was detected in immersion fixed Hepa 1-6 mouse hepatoma cell line using Rabbit Anti-Mouse/Rat α 1B-Glycoprotein Antigen Affinity-purified Polyclonal Antibody (Catalog # AF8537) at 1:20 dilution for 3 hours at room temperature. Cells were stained using the NorthernLights™ 557-conjugated Anti-Rabbit IgG Secondary Antibody (red; Catalog # NL004) and counterstained with DAPI (blue). Specific staining was localized to cytoplasm. View our protocol for Fluorescent ICC Staining of Cells on Coverslips.



Detection of Mouse and rat α 1B-Glycoprotein by Simple WesternTM. Simple Western Ina. Simple Western Ina.

PREPARATION AND STORAGE

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

*Small pack size (-SP) is shipped with polar packs. Upon receipt, store it immediately at -20 to -70 °C

Stability & Storage

Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

- 12 months from date of receipt, -20 to -70 °C, as supplied.
 1 month, 2 to 8 °C under sterile conditions after opening.
- 6 months, -20 to -70 °C under sterile conditions after opening.

BACKGROUND

The α 1B-Glycoprotein is a plasma glycoprotein, encoded by the A1BG gene with an unknown function. The protein shows sequence similarity to the variable regions of some immunoglobulin supergene family member proteins.

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PRODUCT SPECIFIC NOTICES

* Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to SDS for additional information and handling instructions.

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