

Anti-Alpha 1B glycoprotein Antibody

Catalog # AP50942

Product Information

Application	WB, IHC, IF/IC
Primary Accession	P04217
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	54254

Additional Information

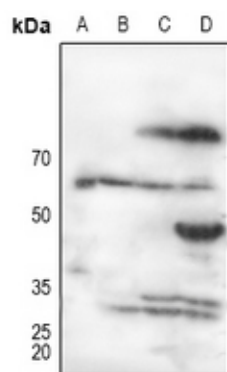
Gene ID	1
Other Names	Alpha-1B-glycoprotein; Alpha-1-B glycoprotein
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Alpha 1B glycoprotein. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000) IHC~~1:100~500 IF/IC~~N/A
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

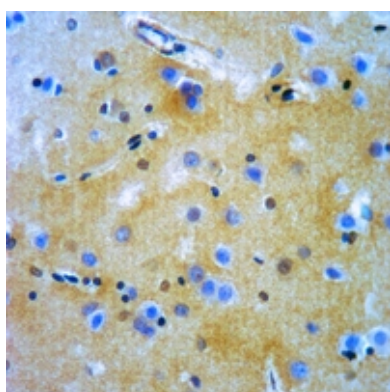
Name	A1BG
Cellular Location	Secreted.
Tissue Location	Plasma.

References

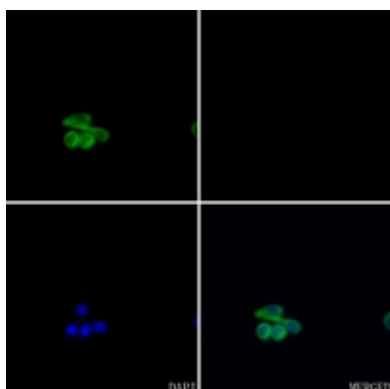
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Ota T.,et al.Nat. Genet. 36:40-45(2004).
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Western blot analysis of Alpha 1B glycoprotein expression in mouse liver (A), mouse heart (B), rat liver (C), rat heart (D) whole cell lysates. (Predicted band size: 54 kDa; Observed band size: 54; 74 kDa)



Immunohistochemical analysis of Alpha 1B glycoprotein staining in human ovary formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Immunofluorescent analysis of Alpha 1B glycoprotein staining in C6 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.