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Anti-Albumin Rabbit Monoclonal Antibody

Catalog Number: M01245

Overview

Product Name	Anti-Albumin Rabbit Monoclonal Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Albumin Rabbit Monoclonal Antibody catalog # M01245. Tested in WB, IHC applications. This antibody reacts with Human, Mouse, Rat.
Application	IHC, WB
Clonality	Monoclonal AOHG-1
Formulation	Rabbit IgG in stabilizing components, phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. *This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P02768

Technical Details

Immunogen	A synthesized peptide derived from human Albumin
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5mg/ml
Purification	Affinity-chromatography
Suggested Dilutions	WB 1:500-2000 IHC 1:50-200

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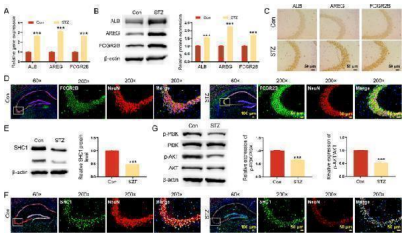
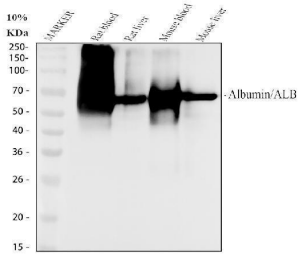
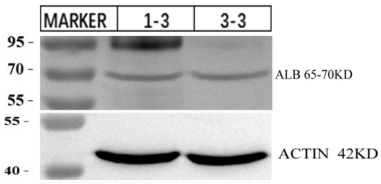
Anti-Albumin Rabbit Monoclonal Antibody (M01245) Images



FCGR2B were up-regulated in hippocampus of DM mice. A qRT-PCR was performed to detect the expression of ALB, AREG and FCGR2B mRNA expression in hippocampus of mice. B Western blot was conducted to detect the ALB, AREG and FCGR2B protein expression in hippocampus of mice. C IHC assay was employed to examine the ALB, AREG and FCGR2B protein expression in hippocampus of mice. D IF staining was utilized to detect the expression of FCGR2B and NeuN in hippocampus of mice. E Western blot was performed to detect the SHC1 protein expression in hippocampus of mice. F IF staining was performed to detect the expression of SHC1 and NeuN in hippocampus of mice. G Western blot was used to detect the p-PI3K and p-AKT protein expression in hippocampus of mice. *** P < 0.001 Full size imageIndex in PubMed under a CC BY license. PMID: 40537751



Western blot analysis of Albumin using anti-Albumin antibody (M01245). Electrophoresis was performed on a 10% SDS-PAGE gel at 80V (Stacking gel) / 120V (Resolving gel) for 2 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions. Lane 1: rat blood lysates, Lane 2: rat liver tissue lysates, Lane 3: mouse blood lysates, Lane 4: mouse liver tissue lysates. After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-Albumin antigen affinity purified monoclonal antibody (M01245) at 1:500 overnight at 4°C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:1000 for 1.5 hour at RT. The signal is developed using an ECL Plus Western Blotting Substrate (Catalog # AR1196-200) with Tanon 5200 system. A specific band was detected for Albumin at approximately 69 kDa. The expected band size for Albumin is at 69 kDa.



Western blot analysis of Albumin using anti-Albumin antibody (M01245). Electrophoresis was performed on a 10% SDS-PAGE gel at 80V (Stacking gel) / 120V (Resolving gel) for 2 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions. Lane 1-2: Human keratinocytes isolated from skin. After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-Albumin antigen affinity purified monoclonal antibody (M01245) at 1:2000 overnight at 4°C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:10000 for 1 hour at RT. The signal is developed using an ECL Plus Western

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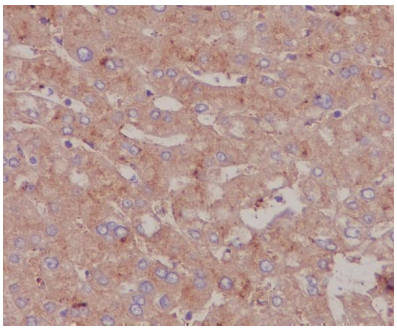
Blotting Substrate with ChemiDoc MP system. A specific band was detected for Albumin at approximately 69 kDa. The expected band size for Albumin is at 69 kDa.



Immunohistochemical analysis of paraffin-embedded human liver, using Serum Albumin Antibody.

61 Publications Citing This Product

1. PubMed ID: 25883619, Xie Jb, Zhang X, Li Qh, Xu Zj. Neural Regen Res. 2015 Feb;10(2):219-24. Doi: 10.4103/1673-5374.152374. Inhibition Of Inflammatory Cytokines After Early Decompression May Mediate Recovery Of Neurological Function In Rats With Spinal Cord Injury.

2. PubMed ID: 27430252, Endothelial lipase is upregulated by interleukin-6 partly via the p38 MAPK and p65 NF-?B signaling pathways

3. PubMed ID: 27746409, An immortalized steroidogenic goat granulosa cell line as a model system to study the effect of the endoplasmic reticulum (ER)-stress response on steroidogenesis

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Anti-Albumin Rabbit Monoclonal Antibody

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