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Anti-GAPDH Rabbit Monoclonal Antibody

Catalog Number: M00227

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Overview

Product Name	Anti-GAPDH Rabbit Monoclonal Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-GAPDH Rabbit Monoclonal Antibody catalog # M00227. Tested in WB, IHC, ICC/IF, IP, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat.
Application	Flow Cytometry, IP, IF, IHC, ICC, WB
Clonality	Monoclonal BH-7
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	P04406

Technical Details

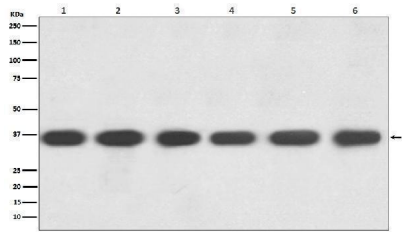
Immunogen	A synthesized peptide derived from human GAPDH
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5mg/ml
Purification	Affinity-chromatography
Suggested Dilutions	WB 1:5000-1:50000

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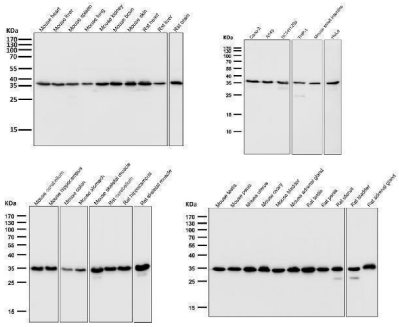
	IHC 1:100-1:500 ICC/IF 1:100-1:250 IP 1:50 FC 1:50

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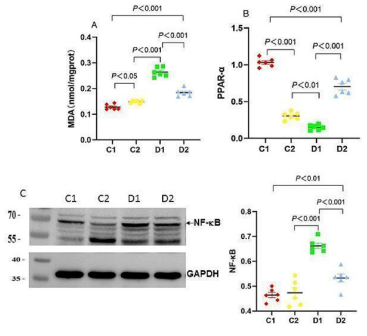
Anti-GAPDH Rabbit Monoclonal Antibody (M00227) Images



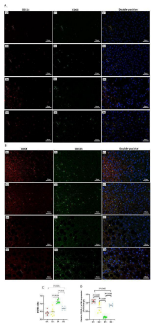
Western blot analysis of GAPDH expression in (1) Hela cell lysate; (2)Jurkat cell lysate; (3)Mouse kidney lysate; (4) Mouse spleen lysate; (5) RAW 264.7 cell lysate; (6) Rat brain lysate with GAPDH Antibody.



All lanes use GAPDH Antibody at 1:50000 dilution for 1 hour at room temperature.



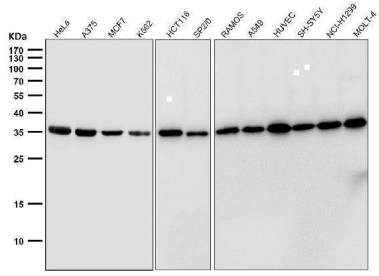
Effects of n-6 PUFA on liver lipid peroxidation and the inflammatory marker NF-kappaB in rats with NASH induced by a choline-deficient diet. (A) Liver MDA levels, (B) PPAR-alpha mRNA expression in the liver. Data are expressed as mean ±SEM; n = 6/group. (C) NF-kappaB protein expression (~65 kDa) in the liver as analyzed by Western blotting, normalized to GAPDH, with a representative blot (left) and quantification (right). Protein molecular weight standards (kDa) are labeled on the left of each blot. Data are expressed as mean ± SEM; n = 6/group.Index in PubMed under a CC BY license. PMID: 40626231



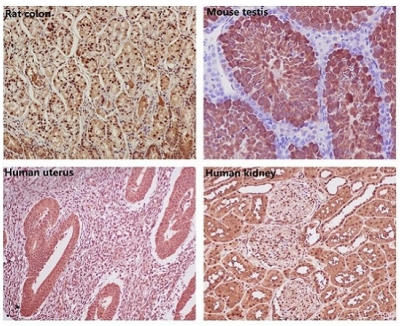
Effects of n-6 PUFA on liver macrophage phenotype in rats with NASH induced by a choline-deficient diet. (A) M1-type Kupffer cells (KCs) identified by double staining: red arrows show CD11c-positive cells, green arrows show CD68-positive cells, and yellow arrows highlight CD11c and CD68 double-positive M1-type KCs (Scale bar – 50 uM). (B) M2-type KCs identified similarly, with red arrows indicating CD163-positive cells, green arrows showing CD68-positive cells, and yellow arrows marking CD163 and CD68 double-positive M2-type KCs (Scale bar – 50 uM). For (A,B) (see) for full-size photomicrographs. (C) M1/M2 phenotype ratio (unitless), calculated as the proportion of CD68 + CD11c + to CD68 + CD163 + cells. (D) Relative PPAR-gamma2 mRNA expression (fold change normalized to GAPDH) in the liver, which is linked to macrophage polarization and inflammation. Data are expressed as mean ±SEM; n = 6/group.Index in PubMed under a CC BY license. PMID: 40626231

All lanes use GAPDH Antibody at 1:50000 dilution for 1 hour

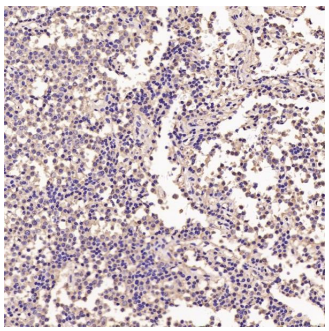
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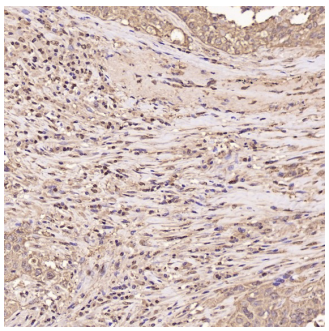
at room temperature.



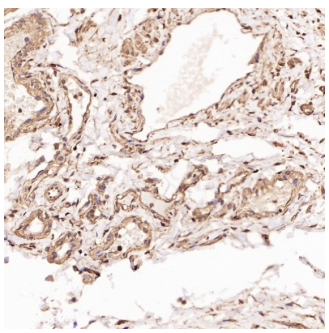
Immunohistochemical analysis of paraffin-embedded (1) Rat colon; (2) Mouse testis; (3) Human uterus; (4) Human kidney, using GAPDH Antibody .



Immunohistochemical analysis of paraffin-embedded Human pituitary adenoma, using the Antibody at 1:400 dilution.



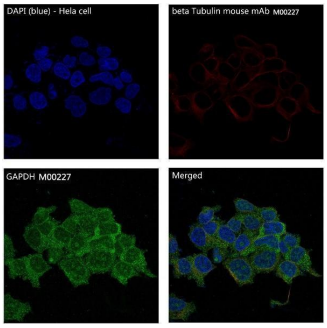
Immunohistochemical analysis of paraffin-embedded Human squamous carcinoma, using the Antibody at 1:400 dilution.



Immunohistochemical analysis of paraffin-embedded Human testis cancer, using the Antibody at 1:400 dilution.

Immunofluorescent analysis of Hela cells, using GAPDH

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Antibody .

153 Publications Citing This Product

1. PubMed ID: 10.3892/etm.2018.5822, Effective robotic assistive pattern of treadmill training for spinal cord injury in a rat model

2. PubMed ID: 31173299, Wang J,Fang Y,Liu YF,Wang X,Wang XL,Wang RY,Meng ZD.MiR-154 inhibits cells proliferation and metastasis in melanoma by targeting AURKA and serves as a novel prognostic indicator.Eur Rev Med Pharmacol Sci.2019 May;23(10):4275-4284.doi:10.26355/eurrev_201905_17932.PMID:31173299.

3. PubMed ID: 31058194, Duan Y,Tan Z,Yang M,Li J,Liu C,Wang C,Zhang F,Jin Y,Wang Y,Zhu L.PC-3-Derived Exosomes Inhibit Osteoclast Differentiation by Downregulating miR-214 and Blocking NF-kappaB Signaling Pathway.Biomed Res Int.2019 Apr 1;2019:8650846.doi:10.1155/2019/8650846. PMID:31058194;PMCID:PMC6463683.

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