

Anti-GAPDH Rabbit Monoclonal Antibody

Catalog Number: M00227

About GAPDH

C3 plays a central role in the activation of the complement system. Its processing by C3 convertase is the central reaction in both classical and alternative complement pathways. After activation C3b can bind covalently, via its reactive thioester, to cell surface carbohydrates or immune aggregates.

Overview

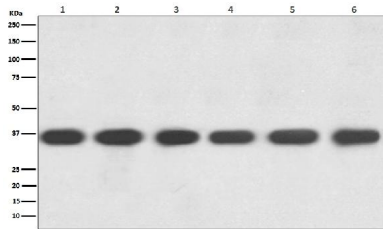
Product Name	Anti-GAPDH Rabbit Monoclonal Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-GAPDH Rabbit Monoclonal Antibody catalog # M00227. Tested in WB, IHC, ICC/IF, IP, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat.
Application	Flow Cytometry, IP, IF, IHC, ICC, WB
Clonality	Monoclonal BH-7
Formulation	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
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

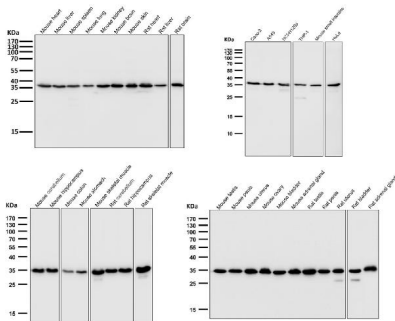
Immunogen	A synthesized peptide derived from human GAPDH
Isotype	Rabbit IgG
Form	Liquid
Concentration	Actual concentration vary by lot. Use suggested dilution ratio to decide dilution procedure.
Purification	Affinity-chromatography
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples. Some PubMed article(s) citing the expression level of this target are as follows: Boster Bio's internal QC testing used:

	WB 1:5000-1:50000 IHC 1:100-1:500 ICC/IF 1:100-1:250 IP 1:50 FC 1:50
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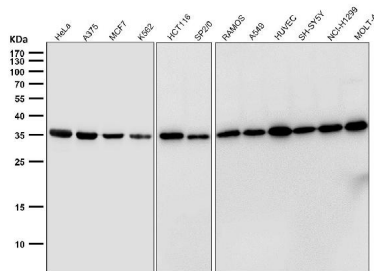
Anti-GAPDH Rabbit Monoclonal Antibody (M00227) Images



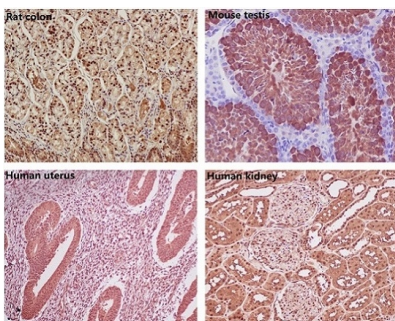
Western blot analysis of GAPDH expression in (1) Hela cell lysate; (2) Jurkat cell lysate; (3) Mouse kidney lysate; (4) Mouse spleen lysate; (5) RAW 264.7 cell lysate; (6) Rat brain lysate with GAPDH Antibody.



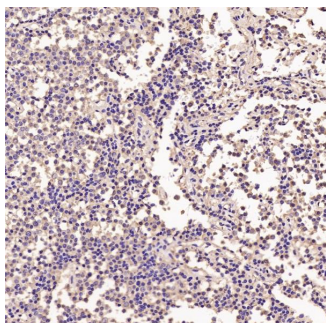
All lanes use GAPDH Antibody at 1:50000 dilution for 1 hour at room temperature.



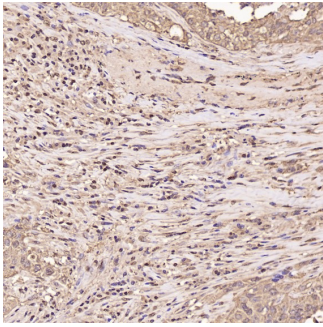
All lanes use GAPDH Antibody at 1:50000 dilution for 1 hour at room temperature.



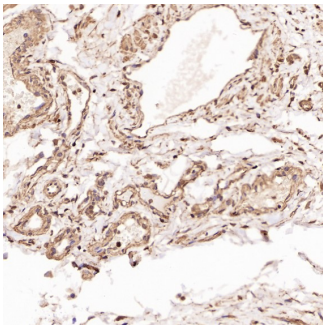
Immunohistochemical analysis of paraffin-embedded (1) Rat colon; (2) Mouse testis; (3) Human uterus; (4) Human kidney, using GAPDH Antibody .



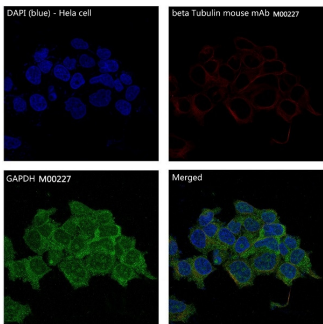
Immunohistochemical analysis of paraffin-embedded Human pituitary adenoma, using the Antibody at 1:400 dilution.



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 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/eurev_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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