Product datasheet

Anti-GAPDH HRP conjugated Antibody (Clone#A-7)

Catalog Number: *BM3896*

BOSTER
antibody and ELISA experts
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Basic Information

Product Name	Anti-GAPDH HRP conjugated Antibody (Clone#A-7)
Gene Name	GAPDH
Source	Rabbit
Clonality	Monoclonal
Isotype	IgG
Species Reactivity	human, mouse, rat, chicken, fish, monkey, zebrafish
Tested Application	WB
Contents	500 ug/ml; Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide, 0.4-0.5 mg/ml BSA and 50% glycerol.
Immunogen	A synthesized peptide derived from human GAPDH(HRP conjugated)
Purification	Affinity-chromatography
Observed MW	36 kDa
Dilution Ratios	Western blot (WB):1:1000-5000

Storage

12 months from date of receipt，-20℃ as supplied.

Background Information

Glyceraldehyde 3 phosphate dehydrogenase (GAPDH) is well known as one of the key enzymes involved in glycolysis. GAPDH is constitutively abundant expressed in almost cell types at high levels, therefore antibodies against GAPDH are useful as loading controls for Western Blotting. Some pathology factors, such as hypoxia and diabetes, increased or decreased GAPDH expression in certain cell types.

Reference

Anti-GAPDH HRP conjugated Antibody (Clone#A-7)被引用在13文献中。

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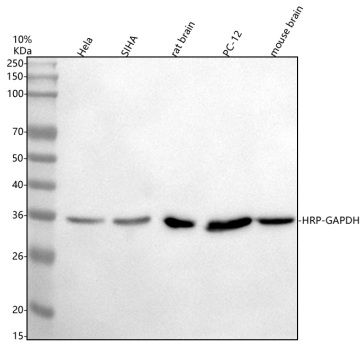
Selected Validation Data



Western blot analysis of anti-GAPDH HRP conjugated antibody (BM3896). The sample well of each lane was loaded with 30 ug of sample under reducing conditions.
Lane 1: human Hela whole cell lysates,
Lane 2: human SiHa whole cell lysates,
Lane 3: rat brain tissue lysates,
Lane 4: rat PC-12 whole cell lysates,
Lane 5: mouse brain tissue lysates.
After electrophoresis, proteins were transferred to a membrane. Then the membrane was incubated with rabbit anti-GAPDH HRP conjugated antigen affinity purified monoclonal antibody (BM3896) at a dilution of 1:1000 and probed with a goat anti-rabbit IgG-HRP secondary antibody (Catalog # BA1054). The signal is developed using ECL Plus Western Blotting Substrate (Catalog # AR1197). A specific band was detected for GAPDH HRP conjugated at approximately 36 kDa. The expected band size for GAPDH HRP conjugated is at 36 kDa.