

## PRODUCT DATASHEET

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### GADPH Polyclonal Antibody

#### Product Information

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<b>Product Number:</b>	ABP136
<b>Package size :</b>	100 µL
<b>Description:</b>	Rabbit polyclonal to GADPH
<b>Host Species:</b>	Rabbit
<b>Purification:</b>	Affinity purification using immunogen
<b>Application:</b>	WB IHC
<b>Species Reactivity:</b>	Hu Rt Ms Mk Chk Hm Sh Xenopus
<b>Specificity:</b>	The antibody detects endogenous GAPDH protein
<b>Target Name:</b>	GADPH
<b>Other Names:</b>	G3PD; GAPD; MGC88685
<b>Accession No:</b>	Swiss-Prot#:P04406
<b>Concentration:</b>	1.0mg/ml
<b>Buffer:</b>	phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
<b>Storage:</b>	Store at -20°C for long-term preservation (recommended). Store at 4°C for short-term use. Avoid freeze / thaw cycle.

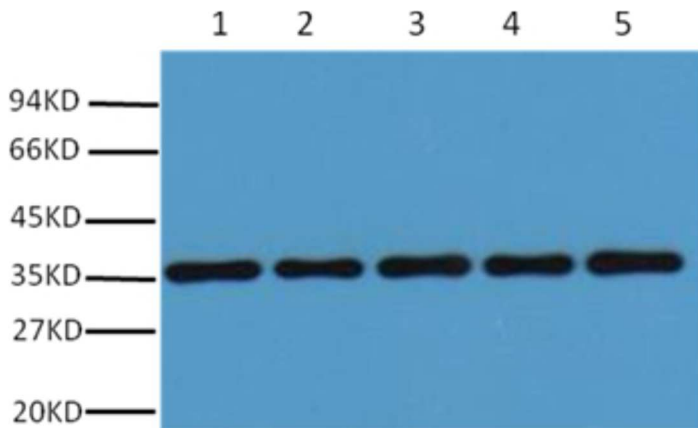
#### Application details

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<b>Predicted MW:</b>	37 KDa
<b>WB dilution:</b>	1:5000-1:20000

#### Images

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Western blot analysis of 293T (1), Rat brain (2), NIH 3T3(3), Sheep Muscle(4),Rabbit testis(5), using GAPDH Polyclonal Antibody ABP136 diluted at 1:20,000.

## Background

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

## Disclaimer

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The product was manufactured via a Quality System certified ISO9001 and tested in accordance with documented quality procedures and approved as a result of meeting the required specification. This product is for in vitro research use only and is not intended for use in humans or animals. Cyanagen warrants that its products conform to the information contained in this and other Cyanagen publications. Purchaser must determine the suitability of the product for its particular use.