

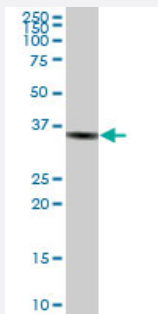
MaxPab®

GAPDH purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00002597-B01P

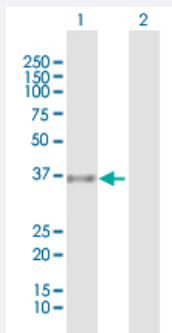
Size 50 ug

Applications



Western Blot (Tissue lysate)

GAPDH MaxPab polyclonal antibody. Western Blot analysis of GAPDH expression in human placenta.

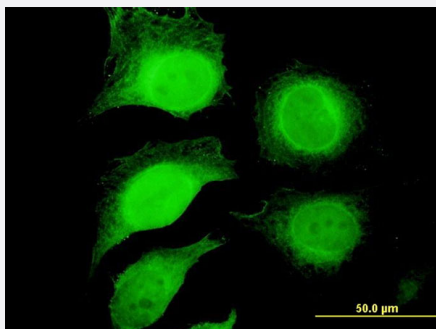


Western Blot (Transfected lysate)

Western Blot analysis of GAPDH expression in transfected 293T cell line ([H00002597-T01](#)) by GAPDH MaxPab polyclonal antibody.

Lane 1: GAPDH transfected lysate(36.85 KDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to GAPDH on HeLa cell. [antibody concentration 10 ug/ml]

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human GAPDH protein.

Immunogen	GAPDH (NP_002037.2, 1 a.a. ~ 335 a.a) full-length human protein.
Sequence	MGKVKVGVNGFGRIGRLVTRAAFNSGKVDIVAINDPFIDLNYMVYMFQYDSTHGKFHGTVKAENG KLVINGNPITIFQERDPSKIKWGDAGAEYVVESTGVFTTMEKAGAHLQGGAKRVIISAPSADAPMFV MGVNHEKYDNSLKIISNASCTTNCLAPLAKVIHDNFGVEGLMTTVHAITATQKTVDGPSGKLWRDG RGALQNIIPASTGAAKAVGKVIPELNGKLTGMAFRVPTANVSVVDLTCRLEKPAKYDDIKKVVKQA SEGPLKGILGYTEHQVVSSDFNSDTHSSTFDAGAGIALNDHFVKLISWYDNEFGYSNRVVDLMAH MASKE
Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

GAPDH MaxPab polyclonal antibody. Western Blot analysis of GAPDH expression in human placenta.

[Protocol Download](#)

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Western Blot analysis of GAPDH expression in transfected 293T cell line ([H00002597-T01](#)) by GAPDH MaxPab polyclonal antibody.

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[Protocol Download](#)

- Immunofluorescence

Immunofluorescence of purified MaxPab antibody to GAPDH on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — GAPDH

Entrez GeneID	2597
GeneBank Accession#	NM_002046
Protein Accession#	NP_002037.2

Gene Name	GAPDH
Gene Alias	G3PD, GAPD, MGC88685
Gene Description	glyceraldehyde-3-phosphate dehydrogenase
Omim ID	138400
Gene Ontology	Hyperlink
Gene Summary	The product of this gene catalyzes an important energy-yielding step in carbohydrate metabolism, the reversible oxidative phosphorylation of glyceraldehyde-3-phosphate in the presence of inorganic phosphate and nicotinamide adenine dinucleotide (NAD). The enzyme exists as a tetramer of identical chains. Many pseudogenes similar to this locus are present in the human genome. [provided by RefSeq]
Other Designations	OTTHUMP00000174431 OTTHUMP00000174432 aging-associated gene 9 protein glyceraldehyde 3-phosphate dehydrogenase

Pathway

- [Biosynthesis of alkaloids derived from histidine and purine](#)
- [Biosynthesis of alkaloids derived from ornithine](#)
- [Biosynthesis of alkaloids derived from shikimate pathway](#)
- [Biosynthesis of alkaloids derived from terpenoid and polyketide](#)
- [Biosynthesis of phenylpropanoids](#)
- [Biosynthesis of plant hormones](#)
- [Biosynthesis of terpenoids and steroids](#)
- [Glycolysis / Gluconeogenesis](#)
- [Metabolic pathways](#)

Disease

- [Alzheimer disease](#)
- [Cardiovascular Diseases](#)
- [Diabetes Complications](#)

- [Metabolic Syndrome X](#)
- [Neoplasms](#)
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- [Osteoporosis](#)