

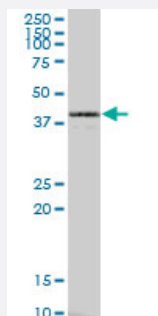
MaxPab®

ENO2 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00002026-B01P

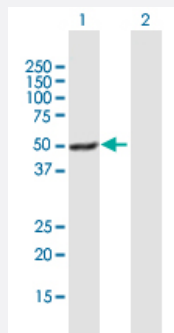
Size 50 ug

Applications



Western Blot (Tissue lysate)

ENO2 MaxPab polyclonal antibody. Western Blot analysis of ENO2 expression in human stomach.



Western Blot (Transfected lysate)

Western Blot analysis of ENO2 expression in transfected 293T cell line ([H00002026-T01](#)) by ENO2 MaxPab polyclonal antibody.

Lane 1: ENO2 transfected lysate(47.74 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human ENO2 protein.

Immunogen

ENO2 (NP_001966.1, 1 a.a. ~ 434 a.a) full-length human protein.

Sequence

MSIEKWAREILDSRGNPTVEVDLYTAKGLFRAAVPSGASTGYEALERDGDQRYLGKGVLKAV
DHINSTIAPALISSGLSVVEQEKLNDLMLELDGTENKSKFGANAILGVSLAVCKAGAAERELPLYRH
IAQLAGNSDLILPVPAFNVINGGSHAGNKLAMQEFMILPVGAESFRDAMRLGAEVYHTLKGVIKDKY
GKDATNVGDEGGFAPNILENSEALELVKEAIDKAGYTEKVMIGMDVAASEFYRDGKYDLDFKSPTD
PSRYITGDQLGALYQDFVRDYPVVSIEDPFDQDDWAAWSKFTANVGIVGDDLTVTNPKRIERAV
EEKACNCLLLKVNQIGSVTEAIQACKLAQENGWGMVSHRSGETEDTFIADLVVGLCTGQIKTGA
PCRSERLAKYNQLMRIIEELGDEARFAGHNFRNPSVL

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)

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[Protocol Download](#)

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[Protocol Download](#)

Gene Info — ENO2

Entrez GeneID	2026
GeneBank Accession#	NM_001975.2
Protein Accession#	NP_001966.1
Gene Name	ENO2
Gene Alias	NSE
Gene Description	enolase 2 (gamma, neuronal)
Omim ID	131360
Gene Ontology	Hyperlink

Gene Summary

This gene encodes one of the three enolase isoenzymes found in mammals. This isoenzyme, a homodimer, is found in mature neurons and cells of neuronal origin. A switch from alpha enolase to gamma enolase occurs in neural tissue during development in rats and primates. [provided by RefSeq]

Other Designations

2-phospho-D-glycerate hydrolyase|enolase 2|neural enolase|neuron specific gamma enolase|neuron-specific enolase

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](#)
- [RNA degradation](#)

Disease

- [Alzheimer disease](#)
- [Cerebral Amyloid Angiopathy](#)
- [Genetic Predisposition to Disease](#)
- [Neuroblastoma](#)
- [Schizophrenia](#)