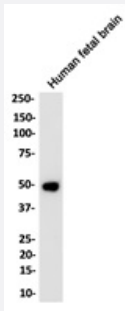


RecomAb™

ENO2 recombinant monoclonal antibody, clone R05-5A4

Catalog # RAB04919 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of human fetal brain lysates with ENO2 recombinant monoclonal antibody, clone R05-5A4 (Cat # RAB04919).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human ENO2.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant protein corresponding to human ENO2.
Theoretical MW (kDa)	47
Reactivity	Human, Mouse, Rat
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunoprecipitation(1:20) Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In 50 mM Tris-Glycine, pH 7.4 (0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA)

Storage Instruction

Store at 4°C. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of human fetal brain lysates with ENO2 recombinant monoclonal antibody, clone R05-5A4 (Cat # RAB04919).

- Immunoprecipitation

Gene Info — ENO2

Entrez GeneID[2026](#)**Protein Accession#**[P09104](#)**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](#)