ENO2 Polyclonal Antibody

catalog number: **D-AB-10203L**

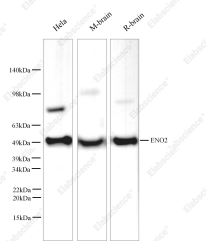
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Mouse;Rat
Immunogen	Recombinant Human ENO2 protein expressed by E.coli
Host	Rabbit
Isotype	Rabbit IgG
Purification	Antigen Affinity Purification
Buffer	PBS with 0.05% Proclin300, 1% protective protein and 50% glycerol, pH7.4

Applications	Recommended Dilution
WB	1:500-1:1000

Data



Western blot with Anti ENO2 Polyclonal antibody at dilution of 1:500. Lane 1:Hela cell lysate,Lane 2:Mouse brain tissue lysate,Lane 3:Rat brain tissue lysate.

Observed-MW:47 kDa

Calculated-MW:47 kDa

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

Background

Enolase 2(2-phospho-D-glycerate hydrolyase; also Neuron-specific Enolase,NSE,neural enolase and gamma-enolase) is a 46 kDa member of the Enolase family of enzymes. It is expressed in developing neurons and glia,is known to catalyze the generation of phosphoenolpyruvate,and is suggested to possess neurotrophic activity for neurons,likely through an extracellular mechanism. Human Enolase 2 is 434 amino acids(aa) in length. The enzymatic site spans most of the length of the molecule. Enolase 2 exists as both a noncovalently-linked homodimer,or heterodimer with alpha-enolase. Full-length human Enolase 2 shares 99% aa identity with both mouse and canine Enolase 2. It shares 83% aa identity with human enolases 1 and 3.

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