ENO1 Polyclonal Antibody

Catalog No. E-AB-11010

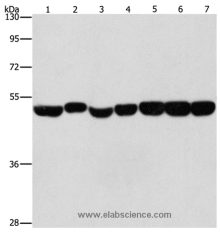
Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

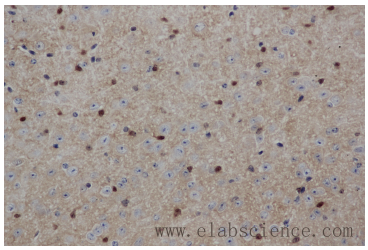
Reactivity	Human,Mouse,Rat
Immunogen	Recombinant protein of human ENO1
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Buffer	PBS with 0.05% sodium azide and 50% glycerol, PH7.4

Applications	Recommended Dilution
WB	1:500-1:2000
IHC	1:50-1:200

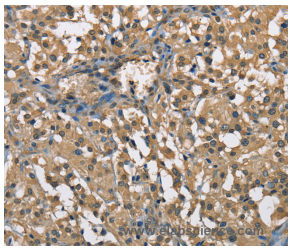
Data



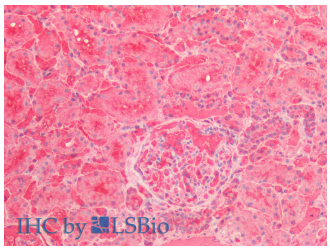
Western Blot analysis of Hela, A431 and hepG2 cell, Mouse brain and liver tissue, Mouse pancreas and Human fetal brain tissue using ENO1 Polyclonal Antibody at dilution of 1:700
Calculated Mw:47kDa



Immunohistochemistry of paraffin-embedded Mouse brain using ENO1 Polyclonal Antibody at dilution of 1:50



Immunohistochemistry of paraffin-embedded Human thyroid cancer using ENO1 Polyclonal Antibody at dilution of 1:60



Immunohistochemistry of paraffin-embedded Human Kidney using ENO1 Polyclonal Antibody at dilution of 1:60(Elabscience® Product Detected by Lifespan).

Preparation & Storage

Storage Store at -20℃. Avoid freeze / thaw cycles.

Background

This gene encodes alpha-enolase, one of three enolase isoenzymes found in mammals. Each isoenzyme is a homodimer composed of 2 alpha, 2 gamma, or 2 beta subunits, and functions as a glycolytic enzyme. Alpha-enolase in addition, functions as a structural lens protein (tau-crystallin) in the monomeric form. Alternative splicing of this gene results in a shorter isoform that has been shown to bind to the c-myc promoter and function as a tumor suppressor. Several pseudogenes have been identified, including one on the long arm of chromosome 1. Alpha-enolase has also been identified as an autoantigen in Hashimoto encephalopathy.

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