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ENO3 Rabbit mAb

Catalog # AP75400

Product Information

Application	WB, FC
Primary Accession	P13929
Reactivity	Rat, Human, Mouse
Host	Rabbit
Clonality	Monoclonal Antibody
Isotype	IgG
Conjugate	Unconjugated
Purification	Affinity Purified
Calculated MW	46987

Additional Information

Gene ID	2027
Other Names	ENO3
Dilution	WB~~1:500-1:1000 FC~~1:50-1:100
Format	Liquid in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

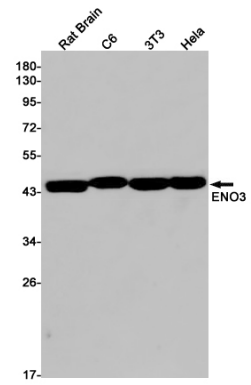
Protein Information

Name	ENO3 (HGNC:3354)
Function	Enolase that catalyzes the conversion of 2-phosphoglycerate to phosphoenolpyruvate in glycolysis and the reverse reaction in gluconeogenesis. Appears to have a function in striated muscle development and regeneration.
Cellular Location	Cytoplasm. Note=Localized to the Z line. Some colocalization with CKM at M-band (By similarity).
Tissue Location	The alpha/alpha homodimer is expressed in embryo and in most adult tissues. The alpha/beta heterodimer and the beta/beta homodimer are found in striated muscle, and the alpha/gamma heterodimer and the gamma/gamma homodimer in neurons

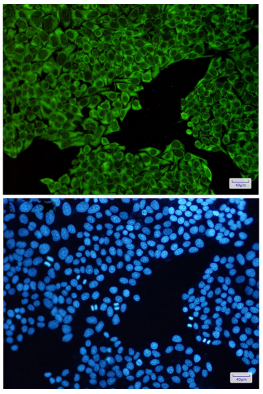
Background

Appears to have a function in striated muscle development and regeneration.

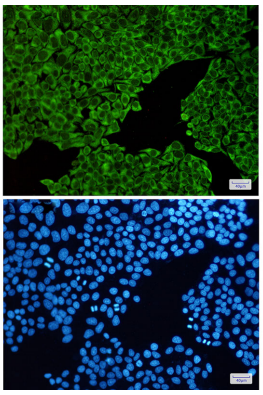
Images



Western blot analysis of ENO3 in rat Brain, C6, 3T3, Hela lysates using ENO3 antibody.



Immunocytochemistry analysis of ENO1/ENO2/ENO3(green) in Hela using ENO1/ENO2/ENO3 antibody,and DAPI(blue)



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