

Anti-ENO1 Reference Antibody (Academia Sinica patent anti-ENO1)

Catalog # APR11477

Product Information

Application	Functional assay, Kinetics (SPR), Kinetics (BLI), FACS, E, FTA
Primary Accession	P06733
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	47169

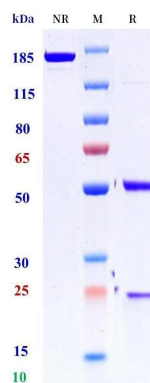
Additional Information

Target/Specificity	ENO1
Expression system	CHO

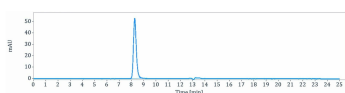
Protein Information

Name	ENO1 (HGNC:3350)
Synonyms	ENO1L1, MBPB1, MPB1
Function	Enolase that catalyzes the conversion of 2-phosphoglycerate to phosphoenolpyruvate in glycolysis and the reverse reaction in gluconeogenesis (PubMed: 1369209 , PubMed: 29775581). Also involved in various processes such as growth control, hypoxia tolerance and allergic responses (PubMed: 10802057 , PubMed: 12666133 , PubMed: 2005901 , PubMed: 29775581). May also function in the intravascular and pericellular fibrinolytic system due to its ability to serve as a receptor and activator of plasminogen on the cell surface of several cell-types such as leukocytes and neurons (PubMed: 12666133). Stimulates immunoglobulin production (PubMed: 1369209).
Cellular Location	Cytoplasm. Cell membrane. Cytoplasm, myofibril, sarcomere, M line. Note=Can translocate to the plasma membrane in either the homodimeric (alpha/alpha) or heterodimeric (alpha/gamma) form. ENO1 is localized to the M line
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

Images



Anti-ENO1 Reference Antibody (Academia Sinica patent anti-ENO1) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.



The purity of Anti-ENO1 Reference Antibody (Academia Sinica patent anti-ENO1) is 100%, determined by SEC-HPLC.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.