



Rabbit Anti-Human α -Enolase polyclonal antibody (CABT-L4585)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	This Pab can be used for Western blot and ELISA applications. The antibody recognizes α -enolase at ~47 kDa from human samples.
Specificity	The antibody recognizes α -enolase at ~47 kDa from human samples.
Immunogen	Full length recombinant human α -enolase
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Protein A purified
Conjugate	Unconjugated
Applications	ELISA, IHC, WB
Format	Liquid
Concentration	Lot specific
Size	250 μ g
Buffer	TBS, pH 7.4, with 50% glycerol, 0.1% BSA, and 0.02% sodium azide
Preservative	0.02% sodium azide
Storage	At -20°C

BACKGROUND

Introduction

α -Enolase, also known as enolase 1, is a glycolytic enzyme that catalyzes the conversion of 2-phosphoglycerate to phosphoenolpyruvate. It is ubiquitously expressed in human tissues, including liver, spleen, kidney, and brain. α -Enolase is an autoantigen in asthma and Hashimoto's encephalopathy, and has been found in the serum of pediatric patients with juvenile idiopathic arthritis. α -Enolase can be citrullinated by peptidyl arginine deiminases (PADs) and citrullinated α -enolase has been found in the synovial fluid of rheumatoid arthritis patients.

Keywords

ENO1;Enolase-1;MBP-1;MPB-1;NNE;Non-Neural Enolase;Phosphopyruvate Hydratase;Plasminogen-Binding Protein

GENE INFORMATION

UniProt ID

[P06733](#)
