



Rabbit Anti-Human Citrullinated α -Enolase polyclonal antibody (CABT-L4578)

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. It detects citrullinated α -enolase at ~50 kDa in human samples.
Specificity	It detects citrullinated α -enolase at ~50 kDa in human samples.
Immunogen	A synthetic citrullinated peptide from the N-terminal region of human α -enolase
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Peptide affinity purified
Conjugate	Unconjugated
Applications	ELISA, WB
Format	Liquid
Concentration	Lot specific
Size	500 μ l
Buffer	PBS, pH 7.2, with 50% glycerol 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](#)
