

## Anti-ENO1 Antibody Picoband® HRP Conjugated

Catalog Number: A01250-1-HRP

### About ENO1

Enolase 1 (ENO1) is a glycolytic enzyme expressed in most tissues. It is mapped to 1p36.23. 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.

### Overview

Product Name	Anti-ENO1 Antibody Picoband® HRP Conjugated
Reactive Species	Human, Monkey, Mouse, Rat
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na <sub>2</sub> HPO <sub>4</sub> .
Storage Instructions	At -20°C for one year from date of receipt. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	P06733

### Technical Details

Immunogen	A synthetic peptide corresponding to a sequence in the middle region of human ENO1, which shares 90.9% amino acid (aa) sequence identity with rat ENO1.
Cross Reactivity	No cross-reactivity with other proteins.
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	HRP
Suggested Dilutions	The intended application should be selected according to the customer's experimental requirements.

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