

Product datasheet for **BP087**

Non Neuronal Enolase (ENO1) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, IHC, WB
Recommended Dilution:	ELISA. Western Blot. Immunohistochemistry on Frozen Sections (1/25-1/100). Immunohistochemistry on Paraffin Sections (1/25-1/100).
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Native Human NNE.
Specificity:	This antibody detects Human Non-Neuronal Enolase, and demonstrates less than 0.1% cross-reactivity with non-specific Enolase.
Formulation:	PBS State: Purified State: Liquid purified Ig fraction Preservative: 0.09% Sodium Azide
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein G
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: One year from despatch.
Gene Name:	enolase 1
Database Link:	Entrez Gene 2023 Human P06733



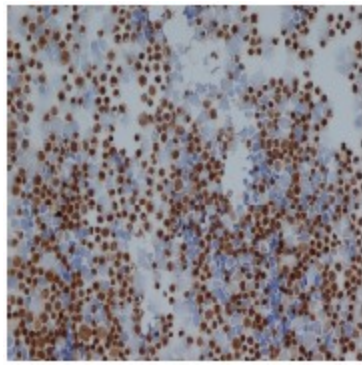
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Background:

Non Neuronal Enolase (ENO1) is an isoform of mammalian enolase and is composed of 2 alpha subunits. The gene for ENO1 encodes alpha-enolase, a homodimeric soluble enzyme, and also encodes a shorter monomeric structural lens protein, tau-crystallin. The two proteins are made from the same message. The full length protein, the isoenzyme, is found in the cytoplasm. The shorter protein is produced from an alternative translation start, is localized to the nucleus, and has been found to bind to an element in the c-myc promoter. Non Neuronal Enolase can be as a diagnostic marker for many tumors; as a marker for endometriosis and in the heterodimeric form, alpha/gamma, as a marker for hypoxic brain injury after cardiac arrest. It has been identified as an autoantigen in Hashimoto encephalopathy (associated with Hashimoto thyroiditis).

Synonyms:

Enolase 1, ENO1L1 Non-neural enolase, NNE, Plasminogen-binding protein, MBP-1, MPB-1, MBPB1, MPB1

Product images:

Staining of Jurkat cells with Rabbit anti Human NNE Antibody.