Recombinant NSE gamma (Neuron Specific Enolase, gamma) (Neuroendocrine Marker) Antibody

Rabbit Monoclonal Antibody [Clone ENO2/8632R]

Catalog No	Format	Size
2026-RBM21-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
2026-RBM21-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
2026-RBM21-P1ABX	Purified Ab WITHOUT BSA or Azide at 1.0mg/ml	100 ug

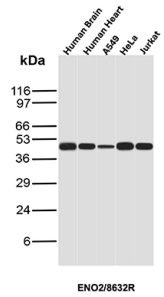
Applications	Tested Dillution	Note
Western Blot (WB)	2-4ug/ml	

Product Details

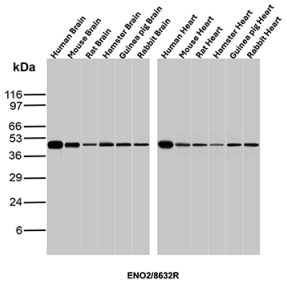
Clone	ENO2/8632R
Immunogen	Recombinant fragment (around aa417-433) of the human NSE gamma protein (exact sequence is proprietary)
Host	Rabbit
Clonality	Monoclonal
Isotype / Light Chain	IgG / Kappa
Mol. Weight of Antigen	47.27kDa
Cellular Localization	Cell membrane, Cytoplasm
Species Reactivity	Human
Positive Control	cerebellum or pheochromocytoma.|Jurkat, HepG2, A-549 cells. Human pancreas, Brain, Heart

**Optimal dilution for a specific application should be determined.*

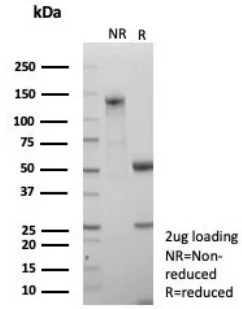
Product Images for Recombinant NSE gamma (Neuron Specific Enolase, gamma) (Neuroendocrine Marker) Antibody



Western Blot Analysis of human brain, human heart, A549, HeLa and Jurkat lysates of different species using ENO2 Recombinant Rabbit Monoclonal Antibody (ENO/8632R).



Western Blot Analysis of brain and heart lysates of different species using ENO2 Recombinant Rabbit Monoclonal Antibody (ENO/8632R).



SDS-PAGE Analysis of Purified NSE gamma Recombinant Rabbit Monoclonal Antibody (ENO/8632R). Confirmation of Purity and Integrity of Antibody.

Specificity & Comments

This monoclonal antibody recognizes a protein of about 50kDa, which is identified as gamma-enolase. Three isoenzymes of enolases are identified, alpha, beta and gamma. Alpha-isoform is expressed in most tissues, whereas beta-form is expressed predominantly in muscle tissue whereas gamma-enolase is found only in nervous tissue. These isoforms exist as both homodimers and heterodimers, and they play a role in converting phosphoglyceric acid to phosphenolpyruvic acid in the glycolytic pathway. NSE-gamma is a useful marker to identify peripheral nerves and tumors of neuro-endocrine origins, such as pheochromocytomas. ?It it be usually employed in combination with other markers such as Synaptophysin, ?Chromogranin A, and Neurofilament. ?

Supplied As

200ug/ml of Ab produced in a mammalian-based expression system. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8 °C. Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis.There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.