

## Anti-NRG3 Antibody (8U198)

## Product Details

Ig Type:	Mouse IgG1
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	8U198
Purification:	Protein A

## Applications

Application:	ELISA
Recommended	ELISA: 1:1000-1:2000

## Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles. Preservative-Free.
Shipping:	Shipping with blue ice.

## Antigen Details

Immunogen:	Recombinant Protein: Human NRG-3 / Neuregulin-3 Protein (TMPY-04300)
Antigen Species:	Human
Synonyms:	pro-NRG3;HRG3;neuregulin 3

## Research Background

NRG3 (Neuregulin 3) is a Protein Coding gene. NRG3 is a member of the neuregulin family of EGF proteins. It has been shown to activate the tyrosine phosphorylation of its cognate receptor, ERBB4, and is thought to influence neuroblast proliferation, migration and differentiation by signaling through ERBB4. NRG3, a brain-enriched neurotrophin, undergoes alternative splicing and is implicated in several neurological disorders with developmental origins. It also promotes mammary differentiation during embryogenesis. NRG3 promotes early mammary morphogenesis and acts during specification of the mammary placode, an aggregate of epithelial cells that form during mid-embryogenesis. Diseases associated with NRG3 include Schizophrenia and Schizoaffective Disorder.

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