

Product datasheet for **TA303129**

NRG3 Goat Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	ELISA: 1:64,000. WB: 0.1-0.3µg/ml.
Reactivity:	Human, Mouse, Rat (Expected from sequence similarity: Dog)
Host:	Goat
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Peptide with sequence C-RNEIQRDSALTK, from the C Terminus of the protein sequence according to NP_001010848.2.
Formulation:	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	neuregulin 3
Database Link:	NP_001010848 Entrez Gene 18183 Mouse Entrez Gene 498596 Rat Entrez Gene 479263 Dog Entrez Gene 10718 Human P56975
Background:	Direct ligand for the ERBB4 tyrosine kinase receptor. Binding results in ligand-stimulated tyrosine phosphorylation and activation of the receptor. Does not bind to the EGF receptor, ERBB2 or ERBB3 receptors. May be a survival factor for oligodendrocytes
Synonyms:	HRG3; pro-NRG3
Protein Families:	Druggable Genome, Transmembrane



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Protein Pathways: ErbB signaling pathway

Product images:



TA303129 (0.3ug/ml) staining of Human Brain (Cerebellum) lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.