

NRG3 Rabbit pAb

db2716

Package : 20µL 50µL 100µL

Product Name : NRG3 Rabbit pAb**Cat.No.:** db2716**Synonyms** : HRG3; pro-NRG3**Application** : WB, FC**Reactivity** : Human, Mouse, Rat**Host species** : Rabbit**Background**

This gene is a member of the neuregulin gene family. This gene family encodes ligands for the transmembrane tyrosine kinase receptors ERBB3 and ERBB4 - members of the epidermal growth factor receptor family. Ligand binding activates intracellular signaling cascades and the induction of cellular responses including proliferation, migration, differentiation, and survival or apoptosis. This gene encodes neuregulin 3 (NRG3). NRG3 has been shown to activate the tyrosine phosphorylation of its cognate receptor, ERBB4, and is thought to influence neuroblast proliferation, migration and differentiation by signalling through ERBB4. NRG3 also promotes mammary differentiation during embryogenesis. Linkage studies have implicated this gene as a susceptibility locus for schizophrenia and schizoaffective disorder. Alternative splicing results in multiple transcript variants encoding distinct isoforms. Additional transcript variants have been described but their biological validity has not been verified.[provided by RefSeq, Sep 2009]

Immunogen

A synthetic peptide of human NRG3

Gene ID

10718

Swiss Prot

P56975

Synonyms

HRG3; pro-NRG3

Reactivity

Human, Mouse, Rat

Application

WB, FC

Recommended dilutionWB: 1:1000-1:5000
FC: 1:20**Calculated MW**

78 kDa

Observed MW

55 kDa

Host species

Rabbit

Clonality

Polyclonal

Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.