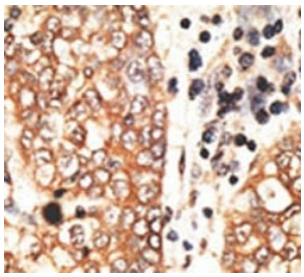
NRG2 Antibody (F49508)

Catalog No.	Formulation	Size
F49508-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F49508-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Predicted Reactivity	Rat
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Purified
UniProt	O14511
Applications	IHC (Paraffin): 1:50-1:100
Limitations	This NRG2 antibody is available for research use only.



IHC analysis of FFPE human hepatocarcinoma tissue stained with the NRG2 antibody

Description

Neuregulin 2 (NRG2) is a novel member of the neuregulin family of growth and differentiation factors. Through interaction with the Erbb family of receptors, NRG2 induces the growth and differentiation of epithelial, neuronal, glial, and other types of cells. The gene consists of 12 exons and the genomic structure is similar to that of neuregulin 1 (NRG1), another member of the neuregulin family of ligands. NRG1 and NRG2 mediate distinct biological processes by acting at different sites in tissues and eliciting different biological responses in cells. There are six NRG2 alternatively spliced transcripts

which are variable between the epidermal growth factor-like (EGF-like) and the transmembrane domains. The gene is located close to the region for demyelinating Charcot-Marie-Tooth disease locus, but is not responsible for this disease.

Application Notes

Titration of the NRG2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 830~855 from the human protein was used as the immunogen for this NRG2 antibody.

Storage

Aliquot the NRG2 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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