NRG2 Antibody

Catalog No: #46631

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

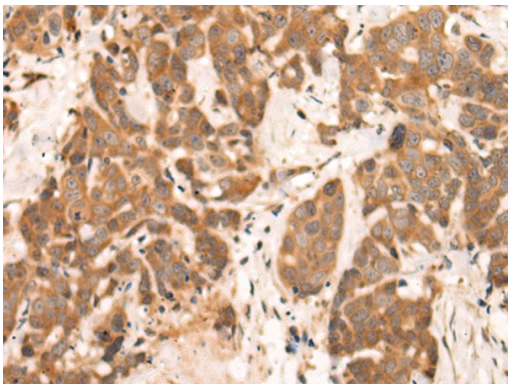
Description

Product Name	NRG2 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification
Applications	IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total NRG2 protein.
Immunogen Type	peptide
Immunogen Description	Synthetic peptide corresponding to residues near the C terminal of human NRG2
Target Name	NRG2
Other Names	DON1; HRG2; NTAK
Accession No.	Swiss-Prot:O14511NCBI Gene ID:9542NCBI Protein:NP_001171864
Uniprot	O14511
GeneID	9542;
Concentration	1.6mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Storage	Store at -20°C

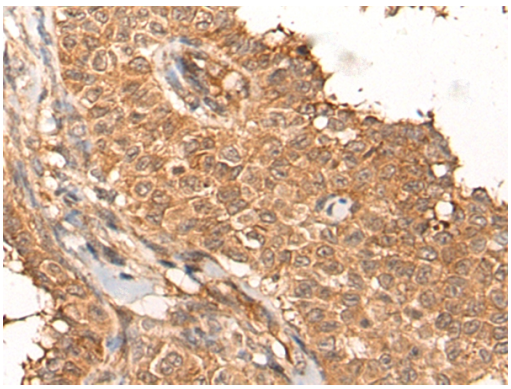
Application Details

Immunohistochemistry: 1: 50-300

Images



The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using 46631(NRG2 Antibody) at dilution 1/65, on the right is treated with synthetic peptide. (Original magnification: x200)



The image on the left is immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using 46631(NRG2 Antibody) at dilution 1/65, on the right is treated with synthetic peptide. (Original magnification: x200)

Background

This gene encodes a novel member of the neuregulin family of growth and differentiation factors. Through interaction with the ERBB family of receptors, this protein 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, another member of the neuregulin family of ligands. The products of these genes mediate distinct biological processes by acting at different sites in tissues and eliciting different biological responses in cells. This gene is located close to the region for demyelinating Charcot-Marie-Tooth disease locus, but is not responsible for this disease. Alternative transcript variants encoding distinct isoforms have been described.?

Note: This product is for in vitro research use only