

Basic Information

Product Name	Anti-NRG1 Antibody	
Gene Name	NRG1	
Source	Rabbit	
Isotype	IgG	
Species Reactivity	human, mouse, rat	
Tested Application	WB, IHC, IHC-F, ICC	
Contents	500 ug/ml antibody with PBS , 0.02% NaN ₃ , 1 mg BSA and 50% glycerol.	
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human NRG1(617-636aa RFSTQEEIQARLSSVIANQD), different from the related rat and mouse sequences by one amino acids.	
concentration	500 ug/ml	
Purification	Immunogen affinity purified.	
Observed MW	70KD	
Dilution Ratios	Western blot(WB): 1:500-2000 Immunohistochemistry in paraffin section (IHC): 1:50-400 Immunohistochemistry in frozen section (IHC-F): 1:50-400 Immunocytochemistry: 1:50-400 (Boiling the paraffin sections in 10mM citrate buffer,pH6.0,or PH8.0 EDTA repair liquid for 20 mins is required for the staining of formalin/paraffin sections.) Optimal working dilutions must be determined by end user.	

Storage

12 months from date of receipt, -20°C as supplied. 6 months 2 to 8°C after reconstitution. Avoid repeated freezing and thawing.

Background Information

NRG1(Neuregulin 1), also known as ARIA, NDF or HRGA, is a protein that in humans is encoded by the NRG1 gene. NRG1 is one of four proteins in the neuregulin family that act on the EGFR family of receptors. By in situ hybridization of a tritium-labeled probe to human metaphase spreads, Orr-Urtreger et al.(1993) localized the NDF gene to 8p21-p12. In mouse embryos 14.5 days postcoitum, Orr-Urtreger et al.(1993) found that NDF expression is confined predominantly to the central and peripheral nervous systems, including the neuroepithelium that lines the lateral ventricles of the brain, the ventral horn of the spinal cord, and the intestinal as well as dorsal root ganglia.

Selected Validation Data

Product datasheet

Anti-NRG1 Antibody

Catalog Number: **BA3235**

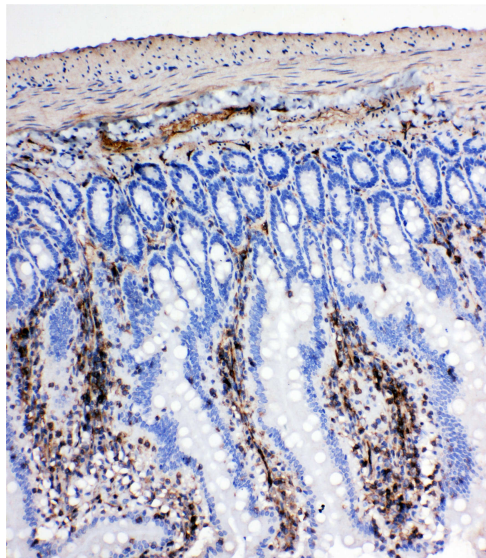
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IHC(P): Rat Intestine Tissue