

## ARG57936 anti-NRG4 antibody

Package: 100 µl  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes NRG4
Tested Reactivity	Hu, Ms, Rat
Tested Application	IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	NRG4
Species	Human
Immunogen	Recombinant fusion protein corresponding to aa. 1-115 of Human NRG4 (NP_612640.1).
Conjugation	Un-conjugated
Alternate Names	Pro-neuregulin-4, membrane-bound isoform; NRG-4; Pro-NRG4; HRG4

### Application Instructions

Application table	Application	Dilution
	IHC-P	1:50 - 1:200
	WB	1:1000 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

### Properties

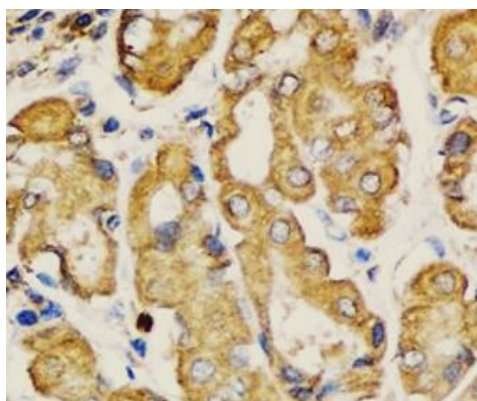
Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

### Bioinformation

Gene Symbol	NRG4
Gene Full Name	neuregulin 4
Background	The neuregulins, including NRG4, activate type-1 growth factor receptors (see EGFR; MIM 131550) to initiating cell-to-cell signaling through tyrosine phosphorylation (Harari et al., 1999 [PubMed 10348342]).[supplied by OMIM, Mar 2008]
Function	Low affinity ligand for the ERBB4 tyrosine kinase receptor. Concomitantly recruits ERBB1 and ERBB2 coreceptors, resulting in ligand-stimulated tyrosine phosphorylation and activation of the ERBB receptors. Does not bind to the ERBB1, ERBB2 and ERBB3 receptors (By similarity). [UniProt]
Calculated Mw	13 kDa
PTM	<p>Proteolytic cleavage close to the plasma membrane on the external face leads to the release of the soluble growth factor form.</p> <p>Extensive glycosylation precedes the proteolytic cleavage. [UniProt]</p>
Cellular Localization	Cell membrane, Secreted, Single-pass type I membrane protein. [UniProt]

## Images

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ARG57936 anti-NRG4 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human stomach stained with ARG57936 anti-NRG4 antibody at 1:100 dilution.