

## 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

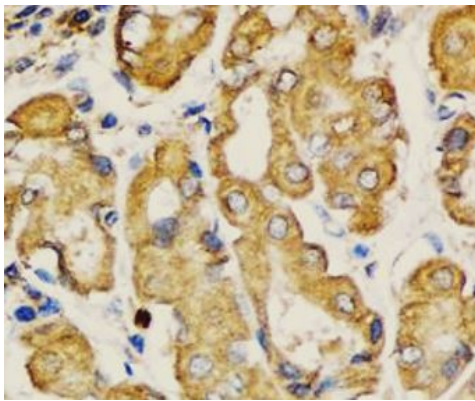
Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. 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	Proteolytic cleavage close to the plasma membrane on the external face leads to the release of the soluble growth factor form.  Extensive glycosylation precedes the proteolytic cleavage. [UniProt]
Cellular Localization	Cell membrane, Secreted, Single-pass type I membrane protein. [UniProt]

## Images

---



ARG57936 anti-NRG4 antibody IHC-P image

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