

NRG4 Rabbit pAb

CatalogNo: YN2440

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse

Applications

- WB, ELISA

MW

- 12kD (Observed)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-2000

ELISA 1:5000-20000

Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)

Formulation Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen Synthesized peptide derived from human protein . at AA range: 11-60

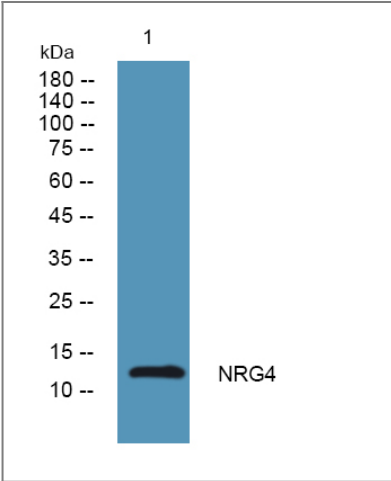
Specificity NRG4 Polyclonal Antibody detects endogenous levels of protein.

Target Information

Gene name NRG4

Protein Name	Pro-neuregulin-4, membrane-bound isoform (Pro-NRG4) [Cleaved into: Neuregulin-4 (NRG-4)]		
	Organism	Gene ID	UniProt ID
	Human	145957;	Q8WWG1;
	Mouse		Q9WTX4;
Cellular Localization	[Pro-neuregulin-4, membrane-bound isoform]: Cell membrane ; Single-pass type I membrane protein . Does not seem to be active. . ; [Neuregulin-4]: Secreted .		
Tissue specificity	Breast,Liver,Prostate,		
Function	Domain:ERBB receptor binding is elicited entirely by the EGF-like domain.,Domain:The cytoplasmic domain may be involved in the regulation of trafficking and proteolytic processing. Regulation of the proteolytic processing involves initial intracellular domain dimerization.,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.,PTM:Extensive glycosylation precedes the proteolytic cleavage.,PTM:Proteolytic cleavage close to the plasma membrane on the external face leads to the release of the soluble growth factor form.,similarity:Belongs to the neuregulin family.,similarity:Contains 1 EGF-like domain.,subcellular location:Does not seem to be active.,		

Validation Data



Western blot analysis of lysates from DU145 cells, primary antibody was diluted at 1:1000, 4°over night

Contact information

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NRG4 Rabbit pAb

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