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Neuregulin-2 Polyclonal Antibody
Catalog # AP73398

Specification

Neuregulin-2 Polyclonal Antibody - Product Information

Application	**WB, IHC-P**
Primary Accession	O14511
Reactivity	**Human, Mouse, Rat**
Host	**Rabbit**
Clonality	**Polyclonal**

Neuregulin-2 Polyclonal Antibody - Additional Information

Gene ID 9542

Other Names
NRG2; NTAK; Pro-neuregulin-2, membrane-bound isoform; Pro-NRG2

Dilution
WB~~Western Blot: 1/500 - 1/2000. IHC-p: 1:100-300 ELISA: 1/20000. Not yet tested in other applications.
IHC-P~~N/A

Format
Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions
-20℃

Neuregulin-2 Polyclonal Antibody - Protein Information

Name NRG2

Synonyms NTAK

Function
Direct ligand for ERBB3 and ERBB4 tyrosine kinase receptors. Concomitantly recruits ERBB1 and ERBB2 coreceptors, resulting in ligand-stimulated tyrosine phosphorylation and activation of the ERBB receptors. May also promote the heterodimerization with the EGF receptor.

Cellular Location
[Pro-neuregulin-2, membrane-bound isoform]: Cell membrane; Single-pass type I membrane protein. Note=Does not seem to be active.

Tissue Location
Restricted to the cerebellum in the adult.

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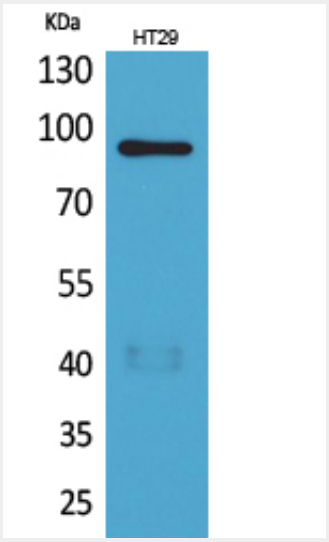
Neuregulin-2 Polyclonal Antibody - Protocols

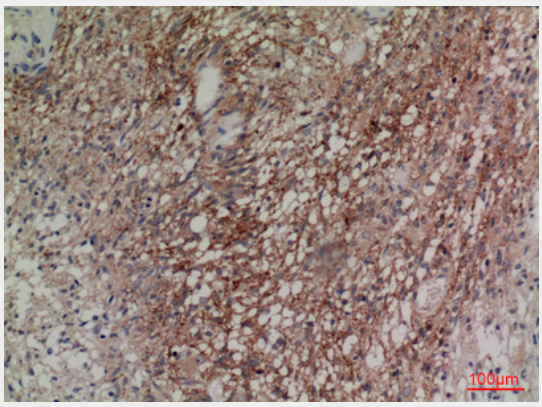
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Neuregulin-2 Polyclonal Antibody - Images



Western Blot analysis of HT29 cells using Neuregulin-2 Polyclonal Antibody.. Secondary antibody was diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded human-brain, antibody was diluted at 1:100

Neuregulin-2 Polyclonal Antibody - Background

Direct ligand for ERBB3 and ERBB4 tyrosine kinase receptors. Concomitantly recruits ERBB1 and ERBB2 coreceptors, resulting in ligand-stimulated tyrosine phosphorylation and activation of the ERBB receptors. May also promote the heterodimerization with the EGF receptor.