



Datasheet for ABIN710756  
**anti-Neuropilin 1 antibody (pThr916)**



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1 Image

Overview

Quantity:	100 µL
Target:	Neuropilin 1 (NRP1)
Binding Specificity:	pThr916
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Neuropilin 1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic phosphopeptide derived from human NRP1 around the phosphorylation site of Thr916
Isotype:	IgG
Cross-Reactivity:	Human, Rat
Predicted Reactivity:	Dog
Purification:	Purified by Protein A.

Target Details

Target:	Neuropilin 1 (NRP1)
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## Target Details

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Alternative Name: [NRP1 \(NRP1 Products\)](#)

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Background: Synonyms: NRP1phospho T916, p-NRP1Thr916 Neuropilin-1, A5 protein, BDCA4, BLOOD DENDRITIC CELL ANTIGEN 4, CD304, Neuropilin-1, Neuropilin1, NP1, NPN1, NRP 1, NRP, NRP1, NRP1\_HUMAN, Vascular endothelial cell growth factor 165 receptor, VEGF165R.  
Background: Neuropilin 1 is a membrane-bound coreceptor to a tyrosine kinase receptor for both Vascular Endothelial Growth Factor and Semaphorin family members. Neuropilin 1 plays versatile roles in angiogenesis, axon guidance, cell survival, migration, and invasion.

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Gene ID: 8829

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Pathways: [Regulation of Cell Size](#), [Signaling Events mediated by VEGFR1 and VEGFR2](#), [Smooth Muscle Cell Migration](#), [Platelet-derived growth Factor Receptor Signaling](#), [VEGFR1 Specific Signals](#)

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## Application Details

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Application Notes: WB 1:300-5000  
ELISA 1:500-1000  
IHC-P 1:200-400  
IHC-F 1:100-500  
IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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Concentration: 1 µg/µL

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Buffer: 0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

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Preservative: ProClin

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Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

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Storage: 4 °C, -20 °C

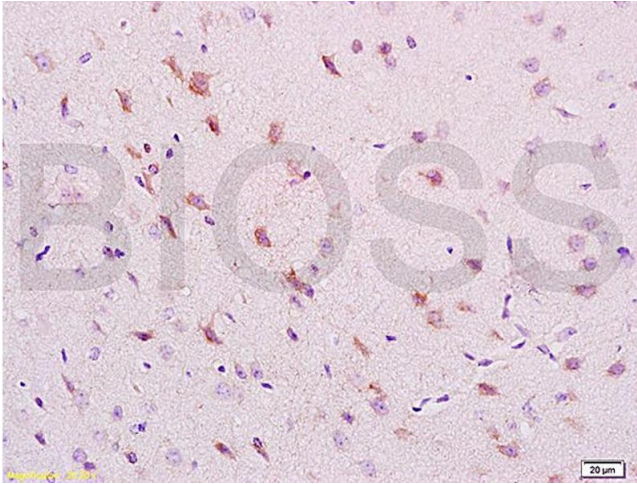
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Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

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Expiry Date: 12 months

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### Immunohistochemistry

**Image 1.** Formalin-fixed and paraffin embedded rat brain labeled with Anti-phospho-NRP1(Thr916) Polyclonal Antibody, Unconjugated (ABIN710756) at 1:200 followed by conjugation to the secondary antibody and DAB staining.