

Datasheet for ABIN2790128

**anti-Plexin B3 antibody (C-Term)**[Go to Product page](#)**1** Image

## Overview

|                      |                                          |
|----------------------|------------------------------------------|
| Quantity:            | 100 µL                                   |
| Target:              | Plexin B3 (PLXNB3)                       |
| Binding Specificity: | C-Term                                   |
| Reactivity:          | Human, Guinea Pig                        |
| Host:                | Rabbit                                   |
| Clonality:           | Polyclonal                               |
| Conjugate:           | This Plexin B3 antibody is un-conjugated |
| Application:         | Western Blotting (WB)                    |

## Product Details

|                       |                                                                                             |
|-----------------------|---------------------------------------------------------------------------------------------|
| Immunogen:            | The immunogen is a synthetic peptide directed towards the C-terminal region of Human PLXNB3 |
| Sequence:             | DYRTYAERAF FPGHGGCPLQ PKPEGPGEDG HCATVRQGLT QLSNLLNSKL                                      |
| Predicted Reactivity: | Guinea Pig: 83%, Human: 100%                                                                |
| Characteristics:      | This is a rabbit polyclonal antibody against PLXNB3. It was validated on Western Blot.      |
| Purification:         | Affinity Purified                                                                           |

## Target Details

|                   |                                            |
|-------------------|--------------------------------------------|
| Target:           | Plexin B3 (PLXNB3)                         |
| Alternative Name: | PLXNB3 ( <a href="#">PLXNB3 Products</a> ) |

## Target Details

|             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Background: | <p>The protein encoded by this gene is a member of the plexin family. It functions as a receptor for semaphorin 5A, and plays a role in axon guidance, invasive growth and cell migration.</p> <p>Alternatively spliced transcript variants encoding different isoforms have been found for this gene.</p> <p>Alias Symbols: FLJ76953, PLEXB3, PLEXR, PLXN6</p> <p>Protein Interaction Partner: MAGI3, BTBD3, MAGI2, ARHGEF11, CUL7, SPOCK2, RIT2, CUL9, PLXNB3,</p> <p>Protein Size: 1562</p> |
|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                   |         |
|-------------------|---------|
| Molecular Weight: | 171 kDa |
|-------------------|---------|

|          |      |
|----------|------|
| Gene ID: | 5365 |
|----------|------|

|                 |                              |
|-----------------|------------------------------|
| NCBI Accession: | <a href="#">NM_001163257</a> |
|-----------------|------------------------------|

|          |                        |
|----------|------------------------|
| UniProt: | <a href="#">B7Z3H9</a> |
|----------|------------------------|

## Application Details

|                    |                                                                                    |
|--------------------|------------------------------------------------------------------------------------|
| Application Notes: | Optimal working dilutions should be determined experimentally by the investigator. |
|--------------------|------------------------------------------------------------------------------------|

|          |                       |
|----------|-----------------------|
| Comment: | Antigen size: 1562 AA |
|----------|-----------------------|

|               |                       |
|---------------|-----------------------|
| Restrictions: | For Research Use only |
|---------------|-----------------------|

## Handling

|         |        |
|---------|--------|
| Format: | Liquid |
|---------|--------|

|                |              |
|----------------|--------------|
| Concentration: | Lot specific |
|----------------|--------------|

|         |                                                                                                     |
|---------|-----------------------------------------------------------------------------------------------------|
| Buffer: | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose. |
|---------|-----------------------------------------------------------------------------------------------------|

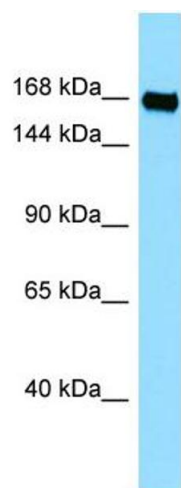
|               |              |
|---------------|--------------|
| Preservative: | Sodium azide |
|---------------|--------------|

|                    |                                                                                                                        |
|--------------------|------------------------------------------------------------------------------------------------------------------------|
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
|--------------------|------------------------------------------------------------------------------------------------------------------------|

|                  |                                    |
|------------------|------------------------------------|
| Handling Advice: | Avoid repeated freeze-thaw cycles. |
|------------------|------------------------------------|

|          |        |
|----------|--------|
| Storage: | -20 °C |
|----------|--------|

|                  |                                                                                                                                         |
|------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| Storage Comment: | For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles. |
|------------------|-----------------------------------------------------------------------------------------------------------------------------------------|



Western Blotting

**Image 1.** WB Suggested Anti-PLXNB3 Antibody Titration:  
1.0 ug/ml Positive Control: Jurkat Whole Cell