

## Product Datasheet

### Anti-TRK B (Phospho-Y516) Antibody (orb214338)

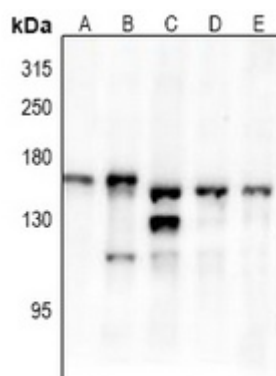
|                            |                                                                                                                                               |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>         | Rabbit polyclonal antibody against TrkB                                                                                                       |
| <b>Species/Host</b>        | Rabbit                                                                                                                                        |
| <b>Reactivity</b>          | Human, Mouse, Primate, Rabbit, Rat                                                                                                            |
| <b>Conjugation</b>         | Unconjugated                                                                                                                                  |
| <b>Tested Applications</b> | IH, WB                                                                                                                                        |
| <b>Immunogen</b>           | KLH-conjugated synthetic phosphopeptide corresponding to residues surrounding Y516 of human TRK B protein. The exact sequence is proprietary. |
| <b>Target</b>              | NTRK2                                                                                                                                         |
| <b>Preservatives</b>       | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.                                     |
| <b>Form/Appearance</b>     | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.                                     |
| <b>Storage</b>             | Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.       |
| <b>Note</b>                | For research use only                                                                                                                         |
| <b>Clonality</b>           | Polyclonal                                                                                                                                    |
| <b>Source</b>              | Rabbit                                                                                                                                        |
| <b>Uniprot ID</b>          | <b>Q16620, P15209, Q63604</b>                                                                                                                 |
| <b>Entrez</b>              | <b>18212, 4915, 25054</b>                                                                                                                     |
| <b>Dilution Range</b>      | WB: 1-500-1-1000                                                                                                                              |
| <b>Expiration Date</b>     | 12 months from date of receipt.                                                                                                               |

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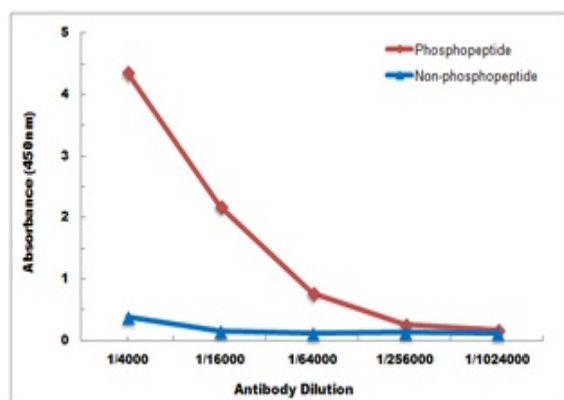
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Western blot analysis of TRK B (Phospho-Y516) expression in mouse kidney (A), rat kidney (B), BV2 (C), PC12 (D), SGC7901 (E) whole cell lysates. (Predicted band size: 91 kD; Observed band size: 145 kD)



Immunohistochemical analysis of TRK B (Phospho-Y516) staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (Phospho-H 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Direct ELISA antibody dose-response curve using Anti-TRK B (Phospho-Y516) Antibody. Antigen (Phosphopeptide and non-phosphopeptide) concentration is 5 ug/ml. Goat Anti-Rabbit IgG (H&L) - HRP was used as the secondary antibody, and signal was developed by TMB substrate.

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