

## Product Datasheet

### EphA7 Antibody (C-term) (orb1929093)

|                            |                                                                                                                                                                                           |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>         | Purified Rabbit Polyclonal Antibody (Pab)                                                                                                                                                 |
| <b>Species/Host</b>        | Rabbit                                                                                                                                                                                    |
| <b>Reactivity</b>          | Human                                                                                                                                                                                     |
| <b>Conjugation</b>         | Unconjugated                                                                                                                                                                              |
| <b>Tested Applications</b> | IHC-P, WB                                                                                                                                                                                 |
| <b>Target</b>              | This EphA7 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 896-925 amino acids from the C-terminal region of human EphA7.                    |
| <b>Form/Appearance</b>     | Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS. |
| <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>Isotype</b>             | Rabbit IgG                                                                                                                                                                                |
| <b>Clonality</b>           | Polyclonal                                                                                                                                                                                |
| <b>Clone Number</b>        | RB1641/RB1642                                                                                                                                                                             |
| <b>Antibody Type</b>       | Primary Antibody                                                                                                                                                                          |
| <b>MW</b>                  | 112097 Da                                                                                                                                                                                 |
| <b>Uniprot ID</b>          | <b>Q15375</b>                                                                                                                                                                             |
| <b>NCBI</b>                | <b>NP_004431.1</b>                                                                                                                                                                        |

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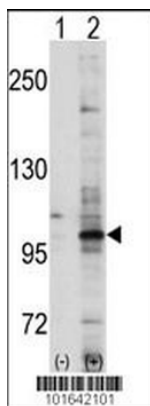
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**Dilution Range**

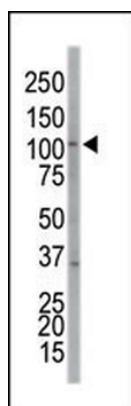
WB: 1:1000, WB: 1:1000, IHC-P: 1:50~100

**Expiration Date**

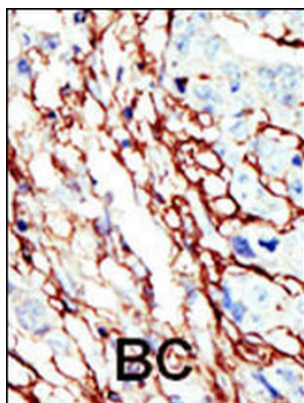
12 months from date of receipt.



Western blot analysis of EPHA7 (arrow) using EphA7 Antibody (C-term). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the EPHA7 gene (Lane 2).



Western blot analysis of anti-EphA7 Pab in NCI-H460 cell lysate. EphA7 (arrow) was detected using purified Pab. Secondary HRP-anti-rabbit was used for signal visualization with chemiluminescence.



Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.

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