

## IGF-IR (phospho Tyr1165/Y1166) Polyclonal Antibody

Cat #: ABP50336

Size: 30µl /100µl /200µl

### Product Information

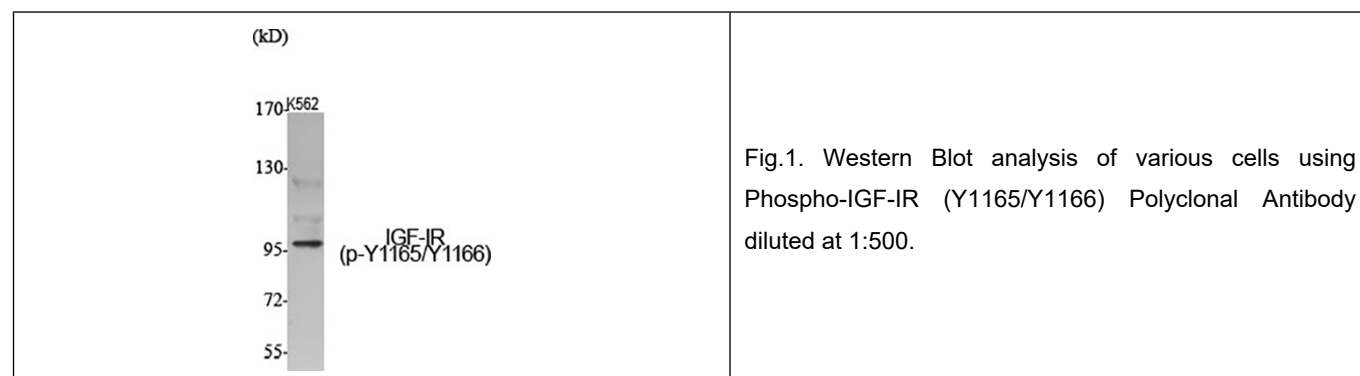
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|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------|
|                                                                                   | <b>Product Name:</b> IGF-IR (phospho Tyr1165/Y1166) Polyclonal Antibody |                                                                                   |                                           |
|                                                                                   | <b>Applications:</b> WB, ELISA                                          |                                                                                   | <b>Isotype:</b> Rabbit IgG                |
|                                                                                   | <b>Reactivity:</b> Human, Mouse, Rat, Monkey                            |                                                                                   |                                           |
| <b>REF</b>                                                                        | <b>Catalog Number:</b> ABP50336                                         | <b>LOT</b>                                                                        | <b>Lot Number:</b> Refer to product label |
|                                                                                   | <b>Formulation:</b> Liquid                                              |                                                                                   | <b>Concentration:</b> 1 mg/ml             |
|  | <b>Storage:</b> Store at -20°C. Avoid repeated freeze / thaw cycles.    |  | <b>Note:</b> Contain sodium azide.        |

**Background:** Insulin like growth factor 1 receptor binds insulin-like growth factor with a high affinity. It has tyrosine kinase activity. The insulin-like growth factor I receptor plays a critical role in transformation events. Cleavage of the precursor generates alpha and beta subunits. It is highly overexpressed in most malignant tissues where it functions as an anti-apoptotic agent by enhancing cell survival. Alternatively spliced transcript variants encoding distinct isoforms have been found for IGF1R.

**Application Notes:** Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: WB (1:500-1:2000), ELISA (1:20000). Not yet tested in other applications.

**Storage Buffer:** PBS containing 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.

**Storage Instructions:** Stable for one year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing.



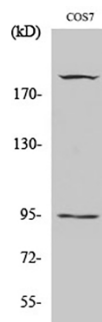


Fig.2. Western Blot analysis of COS7 cells using Phospho-IGF-IR (Y1165/Y1166) Polyclonal Antibody diluted at 1:500.

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