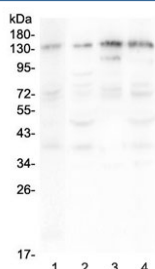


## EPS15 Antibody / Epidermal growth factor receptor substrate 15 (RQ4325)

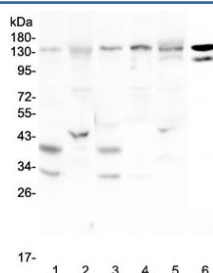
| Catalog No. | Formulation                                           | Size   |
|-------------|-------------------------------------------------------|--------|
| RQ4325      | 0.5mg/ml if reconstituted with 0.2ml sterile DI water | 100 ug |

**Bulk quote request**

|                           |                                                                   |
|---------------------------|-------------------------------------------------------------------|
| <b>Availability</b>       | 1-3 business days                                                 |
| <b>Species Reactivity</b> | Human, Mouse, Rat                                                 |
| <b>Format</b>             | Antigen affinity purified                                         |
| <b>Clonality</b>          | Polyclonal (rabbit origin)                                        |
| <b>Isotype</b>            | Rabbit IgG                                                        |
| <b>Purity</b>             | Antigen affinity purified                                         |
| <b>Buffer</b>             | Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide |
| <b>UniProt</b>            | P42566                                                            |
| <b>Localization</b>       | Cytoplasm, cell membrane                                          |
| <b>Applications</b>       | Western Blot : 0.5-1ug/ml<br>Direct ELISA : 0.1-0.5ug/ml          |
| <b>Limitations</b>        | This EPS15 antibody is available for research use only.           |



Western blot testing of human 1) A375, 2) HepG2, 3) Jurkat and 4) PANC-1 lysate with EPS15 antibody at 0.5ug/ml. Predicted molecular weight ~99 kDa, routinely observed at 120-150 kDa.



Western blot testing of rat 1) brain, 2) liver and mouse 3) brain, 4) spleen, 5) liver and 6) testis lysate with EPS15 antibody at 0.5ug/ml. Predicted molecular weight ~99 kDa, routinely observed at 120-150 kDa.

## Description

Epidermal growth factor receptor substrate 15 is a protein that in humans is encoded by the EPS15 gene. This gene encodes a protein that is part of the EGFR pathway. The protein is present at clatherin-coated pits and is involved in receptor-mediated endocytosis of EGF. Notably, this gene is rearranged with the HRX/ALL/MLL gene in acute myelogenous leukemias. Alternative splicing results in multiple transcript variants encoding distinct isoforms.

## Application Notes

Optimal dilution of the EPS15 antibody should be determined by the researcher.

## Immunogen

A recombinant human protein corresponding to amino acids A2-E88 was used as the immunogen for the EPS15 antibody.

## Storage

After reconstitution, the EPS15 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.