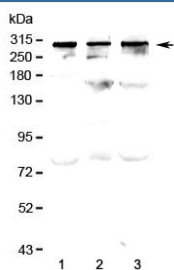


## TPR Antibody / Translocated promoter region protein (RQ4447)

| Catalog No. | Formulation   | Size   |
|-------------|---|--------|
| RQ4447      | 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   |
| <b>Format</b>             | Antigen affinity purified   |
| <b>Clonality</b>          | Polyclonal (rabbit origin)  |
| <b>Isotype</b>            | Rabbit IgG  |
| <b>Purity</b>             | Antigen affinity  |
| <b>Buffer</b>             | Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide |
| <b>UniProt</b>            | P12270  |
| <b>Localization</b>       | Nucleus   |
| <b>Applications</b>       | Western Blot : 0.5-1ug/ml   |
| <b>Limitations</b>        | This TPR antibody is available for research use only.             |



Western blot testing of human 1) HeLa, 2) SW620 and 3) MDA-MB-231 lysate with TPR antibody at 0.5ug/ml. Predicted molecular weight ~267 kDa.

## Description

The tetratricopeptide repeat (TPR) is a structural motif. This gene encodes a large coiled-coil protein that forms intranuclear filaments attached to the inner surface of nuclear pore complexes (NPCs). The protein directly interacts with several components of the NPC. It is required for the nuclear export of mRNAs and some proteins. Oncogenic fusions of the 5' end of this gene with several different kinase genes occur in some neoplasias.

## Application Notes

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

## Immunogen

Amino acids MLQAEKKLLEEDVKRWKARNQHLSQKKD were used as the immunogen for the TPR antibody.

## Storage

After reconstitution, the TPR 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.