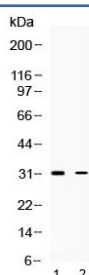


## TSG6 Antibody (R32752)

| Catalog No. | Formulation   | Size   |
|-------------|---|--------|
| R32752      | 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, Rat   |
| <b>Format</b>             | Antigen affinity purified                                  |
| <b>Host</b>               | Rabbit   |
| <b>Clonality</b>          | Polyclonal (rabbit origin)                                 |
| <b>Isotype</b>            | Rabbit IgG   |
| <b>Purity</b>             | Antigen affinity   |
| <b>Buffer</b>             | Lyophilized from 1X PBS with 2.5% BSA, 0.025% sodium azide |
| <b>UniProt</b>            | P98066   |
| <b>Applications</b>       | Western Blot : 0.5-1ug/ml                                  |
| <b>Limitations</b>        | This TSG6 antibody is available for research use only.     |



Western blot testing of 1) rat brain and 2) human HeLa lysate with TSG6 antibody at 0.5ug/ml. Predicted molecular weight ~31 kDa.

## Description

Tumor necrosis factor-inducible gene 6 protein, also known as TSG-6, is a protein that in humans is encoded by the TNFAIP6 gene. The protein encoded by this gene is a secretory protein that contains a hyaluronan-binding domain, and thus is a member of the hyaluronan-binding protein family. The hyaluronan-binding domain is known to be involved in extracellular matrix stability and cell migration. This protein has been shown to form a stable complex with inter-alpha-inhibitor (I alpha I), and thus enhance the serine protease inhibitory activity of I alpha I, which is important in the protease network associated with inflammation. This gene can be induced by proinflammatory cytokines such as tumor necrosis factor alpha and interleukin-1. Enhanced levels of this protein are found in the synovial fluid of patients with osteoarthritis.

and rheumatoid arthritis.

## Application Notes

Optimal dilution of the TSG6 antibody should be determined by the researcher.

## Immunogen

Amino acids 46-91 (KYKLTYAEAKAVCEFE~~GG~~HLATYKQLEAARKIGFHVCAAGWMAKGR) from the human protein were used as the immunogen for the TSG6 antibody.

## Storage

After reconstitution, the TSG6 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.