

Datasheet for ABIN5647620
anti-TNFAIP6 antibody (AA 46-91)



[Go to Product page](#)

1 Image

Overview

| | |
|----------------------|--|
| Quantity: | 100 µg |
| Target: | TNFAIP6 |
| Binding Specificity: | AA 46-91 |
| Reactivity: | Human, Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This TNFAIP6 antibody is un-conjugated |
| Application: | Western Blotting (WB) |

Product Details

| | |
|---------------|---|
| Immunogen: | Amino acids 46-91 (KYKLTAEAKAVCEFE ^{GG} HLATYKQLEAARKIGFHVCAAGWMAKGR) from the human protein were used as the immunogen for the TSG6 antibody. |
| Isotype: | IgG |
| Purification: | Antigen affinity purified |

Target Details

| | |
|-------------------|---|
| Target: | TNFAIP6 |
| Alternative Name: | TSG6 (TNFAIP6 Products) |
| Background: | 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- |

Target Details

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.

UniProt: [P98066](#)

Application Details

Application Notes: Optimal dilution of the TSG6 antibody should be determined by the researcher.\. WB: 0.5-1 μ g/mL

Restrictions: For Research Use only

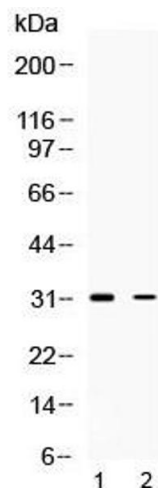
Handling

Buffer: 0.5 mg/mL if reconstituted with 0.2 mL sterile DI water

Storage: -20 $^{\circ}$ C

Storage Comment: After reconstitution, the TSG6 antibody can be stored for up to one month at 4 $^{\circ}$ C. For long-term, aliquot and store at -20 $^{\circ}$ C. Avoid repeated freezing and thawing.

Images



Western Blotting

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