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

### 1 Image

#### Overview

Quantity:	100 µg
Target:	TNFAIP6
Binding Specificity:	AA 46-91
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)

#### Product Details

Immunogen:	Amino acids 46-91 (KYKLTAEAKAVCFEGGHLATYKQLEAARKIGFHVCAAGWMAKGR) 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 ( <a href="#">TNFAIP6 Products</a> )
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-binding protein family. The hyaluronan-binding domain is known to be involved in extracellular

## Target Details

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  $\mu$ g/mL

Restrictions: For Research Use only

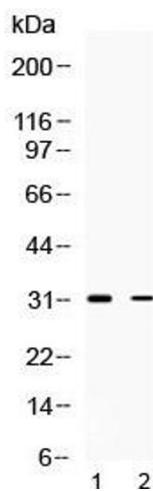
## Handling

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

Storage: -20 °C

Storage Comment: After reconstitution, the TSG6 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.

## Images



### Western Blotting

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