

## Product datasheet for **AP01235PU-M**

### **TSG6 (TNFAIP6) Rabbit Polyclonal Antibody**

#### **Product data:**

Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	<b>ELISA:</b> 1/1000-1/5000. <b>Western Blot:</b> 1/500-1/1000. <b>Immunofluorescence:</b> 1/50-1/200. <b>Immunohistochemistry on Paraffin Sections:</b> 1/50-1/200.
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Synthetic peptide, corresponding to the N-terminal of Human TSG-6.
Specificity:	This antibody detects endogenous levels of TSG-6 protein. (region surrounding Val37)
Formulation:	PBS, pH~7.2 with 50% glycerol State: Aff - Purified State: Liquid purified Ig fraction (> 95% pure by SDS-PAGE). Preservative: 15 mM Sodium Azide
Concentration:	1.0 mg/ml
Purification:	Affinity Chromatography using epitope-specific immunogen.
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: One year from despatch.
Predicted Protein Size:	~32 kDa
Gene Name:	TNF alpha induced protein 6
Database Link:	<a href="#">Entrez Gene 7130 Human</a> <a href="#">P98066</a>

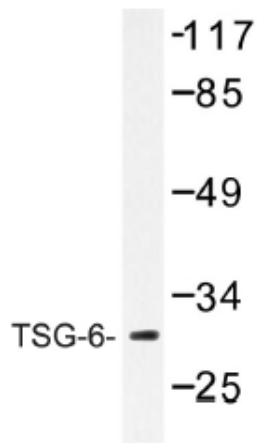
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**Background:**

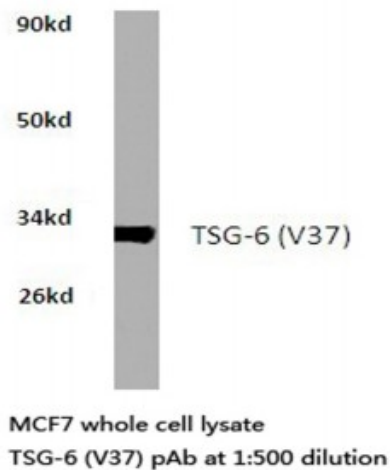
TSG6 is a secretory protein that contains a hyaluronan-binding domain, and thus is a member of the hyaluronan-binding protein family. The hyaluronan-binding domain is involved in extracellular matrix stability and cell migration. This protein forms a stable complex with inter-alpha-inhibitor (I alpha I), and thus enhances the serine protease inhibitory activity of I alpha I, which is important in the protease network associated with inflammation. The expression of this gene can be induced by tumor necrosis factor alpha and interleukin-1. The expression can also be induced by mechanical stimuli in vascular smooth muscle cells, and is correlated with proteoglycan synthesis and aggregation.

**Synonyms:**

TSG6, TSG-6

**Product images:**


Western blot (WB) analysis of TSG-6 antibody in extracts from Jurkat cells.



Western blot (WB) analysis of TSG-6 antibody in extracts from MCF7 cells.