

TSG-6 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP09260
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human TSG6. AA range:21-70
Mol wt	31203
Species reactivity	Human, Mouse
Clonality	Polyclonal
Recommended application	WB, IHC-p, IF, ELISA
Concentration	1 mg/ml
Full name	TSG-6 Antibody
Synonyms	TNFAIP6; TSG6; Tumor necrosis factor-inducible gene 6 protein; Hyaluronate-binding protein; TNF-stimulated gene 6 protein; TSG-6; Tumor necrosis factor alpha-induced protein 6; TNF alpha-induced prote

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

The protein encoded by TNFAIP6 (TNF alpha induced protein 6) 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. TNFAIP6 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.

Recommended Dilution

WB: 1: 500 - 1: 2000

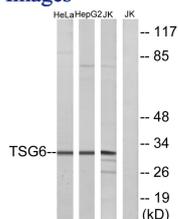
IHC: 1: 100 - 1: 300

IF: 1: 200 - 1: 1000

ELISA: 1: 5000

Not yet tested in other applications.

Images



Western blot analysis of lysates from Jurkat, HeLa, and HepG2 cells, using TSG6 Antibody. The lane on the right is blocked with the synthesized peptide.

Storage

-20°C for one year

