

GITR / TNFSF18 Polyclonal Antibody
Rabbit Polyclonal Antibody
Catalog # ABV11779**Specification**

GITR / TNFSF18 Polyclonal Antibody - Product Information

Application	WB
Primary Accession	Q9UNG2
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	20308

GITR / TNFSF18 Polyclonal Antibody - Additional Information**Gene ID** 8995

Positive Control	WB
Application & Usage	WB: 1:1000
Alias Symbol	TNFRSF18

Other Names

Tumor necrosis factor ligand superfamily member 18, Activation-inducible TNF-related ligand, AITRL, Glucocorticoid-induced TNF-related ligand, hGITRL, TNFSF18, AITRL, GITRL, TL6

Appearance

Colorless liquid

Formulation

PBS with 0.09% (W/V) sodium azide.

Reconstitution & Storage

-20 °C

Background Descriptions**Precautions**

GITR / TNFSF18 Polyclonal Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

GITR / TNFSF18 Polyclonal Antibody - Protein Information

Name TNFSF18 ([HGNC:11932](#))

Synonyms AITRL, GITRL, TL6

Function

Cytokine that binds to TNFRSF18/AITR/GITR. Regulates T-cell responses. Can function as costimulator and lower the threshold for T- cell activation and T-cell proliferation. Important for interactions between activated T-lymphocytes and endothelial cells. Mediates activation of NF-kappa-B. Triggers increased phosphorylation of STAT1 and up-regulates expression of VCAM1 and ICAM1 (PubMed:23892569). Promotes leukocyte adhesion to endothelial cells (PubMed:23892569). Regulates migration of monocytes from the splenic reservoir to sites of inflammation (By similarity).

Cellular Location

Cell membrane; Single-pass type II membrane protein

Tissue Location

Expressed at high levels in the small intestine, ovary, testis, kidney and endothelial cells

GITR / TNFSF18 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

GITR / TNFSF18 Polyclonal Antibody - Images**GITR / TNFSF18 Polyclonal Antibody - Background**

The protein encoded by this gene is a cytokine that belongs to the tumor necrosis factor (TNF) ligand family. This cytokine is a ligand for receptor TNFRSF18/AITR/GITR. It has been shown to modulate T lymphocyte survival in peripheral tissues. This cytokine is also found to be expressed in endothelial cells, and is thought to be important for interaction between T lymphocytes and endothelial cells.