



TNR18 Polyclonal Antibody

Catalog No	YP-Ab-07712
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;ELISA
Gene Name	TNFRSF18 AITR GITR UNQ319/PRO364
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	TNR18 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	AITR;CD357;ENERGEN;GITR;GITR-D;TNR18_HUMAN;TNFRSF18;Activation-inducible TNFR family receptor;Glucocorticoid-induced TNFR-related protein; TNR18_MOUSE;TNF receptor superfamily member 18;tumor necrosis factor receptor superfamily;member 18;TNR18;TNFRSF18 AITR GITR UNQ319/ PRO364;Tumor necrosis factor receptor superfamily member 18 (Activation-inducible TNFR family receptor) (Glucocorticoid-induced TNFR-related protein) (CD antigen CD357)
Observed Band	26kD
Calculated Molecular Weight	26kD
Cell Pathway	[Isoform 1]: Cell membrane; Single-pass type I membrane protein.; [Isoform 2]: Secreted.
Tissue Specificity	Expressed in lymph node, peripheral blood leukocytes and weakly in spleen.
Function	function:Receptor for TNFSF18. Seems to be involved in interactions between activated T-lymphocytes and endothelial cells and in the regulation of T-cell receptor-mediated cell death. Mediated NF-kappa-B activation via the TRAF2/ NIK pathway.,induction:Up-regulated in peripheral mononuclear cells after antigen stimulation/lymphocyte activation.,similarity:Contains 3 TNFR-Cys repeats.,subunit:Binds to TRAF1, TRAF2, and TRAF3, but not TRAF5 and



TRAF6. Binds through its C-terminus to SIVA1/SIVA.,tissue specificity:Expressed in lymph node, peripheral blood leukocytes and weakly in spleen.,

Background

This gene encodes a member of the TNF-receptor superfamily. The encoded receptor has been shown to have increased expression upon T-cell activation, and it is thought to play a key role in dominant immunological self-tolerance maintained by CD25(+)CD4(+) regulatory T cells. Knockout studies in mice also suggest the role of this receptor is in the regulation of CD3-driven T-cell activation and programmed cell death. Three alternatively spliced transcript variants of this gene encoding distinct isoforms have been reported. [provided by RefSeq, Feb 2011],

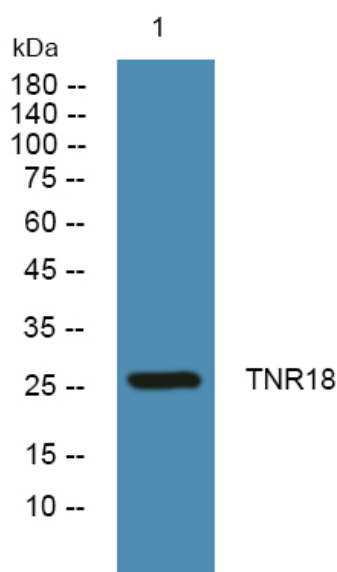
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western blot analysis of lysates from A431 cells, primary antibody was diluted at 1:1000, 4° over night