



THNS2 Polyclonal Antibody

Catalog No	YP-Ab-07291
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB;ELISA
Gene Name	THNSL2
Immunogen	Synthesized peptide derived from human protein . at AA range: 91-140
Specificity	THNS2 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	THNS2;THNSL2;Threonine synthase-like 2 (TSH2) (EC 4.2.3.-) (Secreted osteoclastogenic factor of activated T-cells) (SOFAT)
Observed Band	53kD
Calculated Molecular Weight	53kD
Cell Pathway	[Isoform SOFAT]: Secreted. Secreted by activated T-cells via a calcineurin-independent pathway.
Tissue Specificity	Brain,Colon,Ovarian carcinoma,Skin,Tongue,
Function	cofactor:Pyridoxal phosphate.,function:Acts as a catabolic phospho-lyase on both gamma- and beta-phosphorylated substrates. Degrades O-phospho-threonine (PThr) to alpha-ketobutyrate, ammonia and phosphate., similarity:Belongs to the serine/threonine dehydratase family.,
Background	This gene encodes a threonine synthase-like protein. A similar enzyme in mouse can catalyze the degradation of O-phospho-homoserine to a-ketobutyrate, phosphate, and ammonia. This protein also has phospho-lyase activity on both gamma and beta phosphorylated substrates. In mouse an alternatively spliced form of this protein has been shown to act as a cytokine and can induce the production of the inflammatory cytokine IL6 in osteoblasts.

Alternate splicing results in multiple transcript variants. [provided by RefSeq, Sep 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