

THNSL1 Polyclonal Antibody

Catalog Number: E-AB-52858



Note: Centrifuge before opening to ensure complete recovery of vial contents.

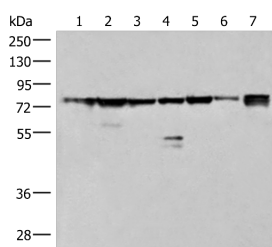
Description

Reactivity	Human, Mouse
Immunogen	Fusion protein of human THNSL1
Host	Rabbit
Isotype	IgG
Purification	Antigen affinity purification
Conjugation	Unconjugated
Formulation	PBS with 0.05% NaN ₃ and 40% Glycerol, pH7.4

Applications Recommended Dilution

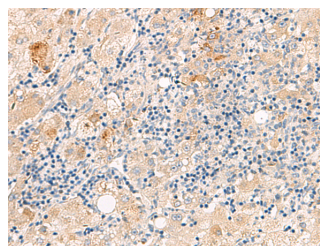
WB	1:500-1:2000
IHC	1:50-1:300
ELISA	1:5000-1:10000

Data

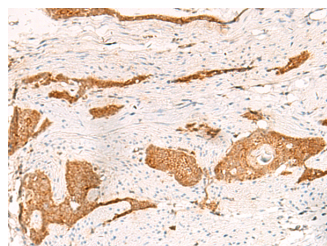


Western blot analysis of 231 K562 TM4 cell Mouse kidney tissue Mouse liver tissue Mouse brain tissue Hela cell lysates using THNSL1 Polyclonal Antibody at dilution of 1:500

Observed Mw: Refer to figures
Calculated Mw: 83 kDa



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using THNSL1 Polyclonal Antibody at dilution of 1:70 (×200)



Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using THNSL1 Polyclonal Antibody at dilution of 1:70 (×200)

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

Background

For Research Use Only

A Reliable Research Partner in Life Science and Medicine

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THNSL1 (threonine synthase-like 1), also known as TSH1, is a 743 amino acid member of the serine/threonine dehydratase family. Expressed primarily in brain and endocrine glands, THNSL1 is thought to function as a pyridoxal-5'-phosphate (PLP)-dependent enzyme that uses pyridoxal phosphate as a cofactor. THNSL1 shares similarity with bacterial threonine synthases (which synthesize threonine from aspartic acid), suggesting that THNSL1 may have once participated in de novo threonine synthesis within the body, but has since lost its original metabolic role.

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