

Product datasheet for **TA366170**

THNSL1 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: 231, K562, TM4 cell, Mouse kidney tissue, Mouse liver tissue, Mouse brain tissue, Hela cell lysates IHC: 50-300 Positive control: Human liver cancer Predicted cell location: Cytoplasm or Nucleus
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human THNSL1
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	83 kDa
Gene Name:	threonine synthase like 1
Database Link:	Entrez Gene 79896 Human Q8IYQ7



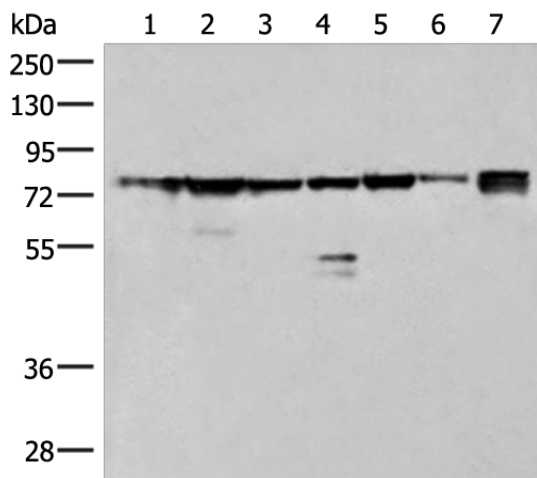
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Background:

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.

Synonyms:

FLJ22002; TSH1

Product images:


Gel: 8%SDS-PAGE

Lysate: 40 µg

Lane 1-7: 231

K562

TM4 cell

Mouse kidney tissue

Mouse liver tissue

Mouse brain tissue

Hela cell lysates

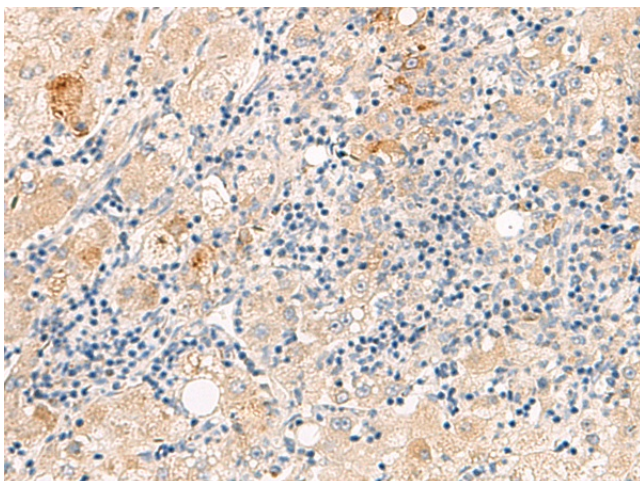
Primary antibody: TA366170 (THNSL1 Antibody)

at dilution 1/500

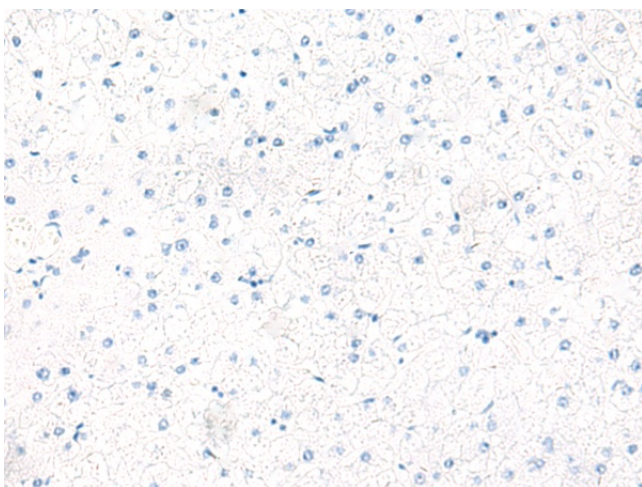
Secondary antibody: Goat anti rabbit IgG at

1/8000 dilution

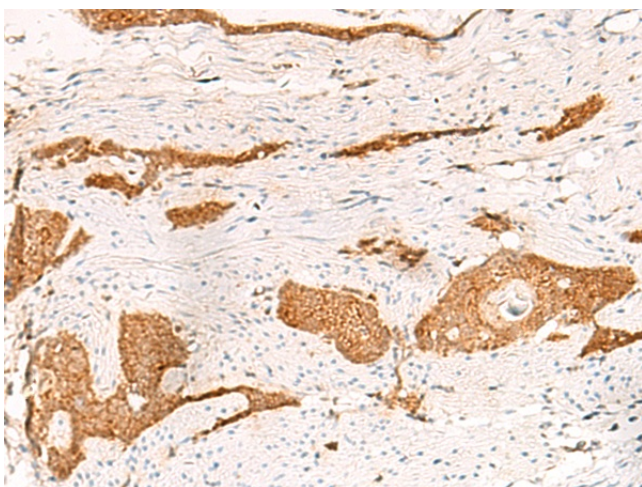
Exposure time: 1 minute



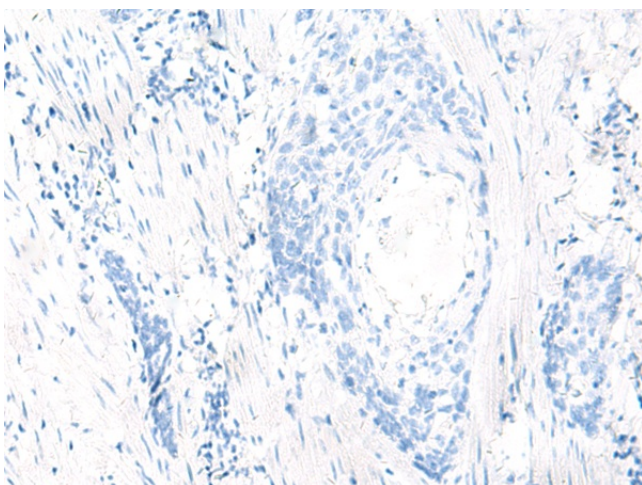
Immunohistochemistry of paraffin-embedded Human liver cancer tissue using TA366170 (THNSL1 Antibody) at dilution 1/70 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using TA366170 (THNSL1 Antibody) at dilution 1/70, treated with fusion protein. (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using TA366170 (THNSL1 Antibody) at dilution 1/70 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using TA366170 (THNSL1 Antibody) at dilution 1/70, treated with fusion protein. (Original magnification: ×200)