

TPSN Rabbit pAb

CatalogNo: YN1397

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse

Applications

- WB, ELISA

MW

- 49kD (Observed)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-2000**ELISA 1:5000-20000**

Storage

Storage*

-15°C to -25°C/1 year (Do not lower than -25°C)

Formulation

Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.

Basic Information

Clonality

Polyclonal

Immunogen Information

Immunogen

Synthesized peptide derived from part region of human protein

Specificity

TPSN Polyclonal Antibody detects endogenous levels of protein.

Target Information

Gene name

TAPBP NGS17 TAPA

Protein Name	Tapasin (TPN) (TPSN) (NGS-17) (TAP-associated protein) (TAP-binding protein)		
	Organism	Gene ID	UniProt ID
	Human	6892 ;	O15533 ;
	Mouse		Q9R233 ;
Cellular Localization	Endoplasmic reticulum membrane ; Single-pass type I membrane protein .		
Tissue specificity	Neutrophils, mostly in fully differentiated cells.		
Function	<p>Domain:The N-terminus is required for efficient association with MHC class I molecule and for a stable interaction between MHC I and calreticulin. Binding to TAP is mediated by the C-terminus region.,Function:Involved in the association of MHC class I with transporter associated with antigen processing (TAP) and in the assembly of MHC class I with peptide (peptide loading).,online information:TAPBP mutation db,polymorphism:The 2 alleles of TAPBP; TAPBP*01 (Tapasin*01) (shown here) and TAPBP*02 (Tapasin*02); are in linkage disequilibria with the HLA-DRB1 locus in a Japanese population.,similarity:Contains 1 Ig-like C1-type (immunoglobulin-like) domain.,subunit:Interacts with TAP1 and is thus a subunit of the TAP complex. Interaction with TAP1 is TAP2 independent and is required for efficient peptide-TAP interaction. Obligatory mediator for the interaction between newly assembled MHC class I molecules, clareticulin, ERp57 and TAP. Up to 4 MHC class I/tapasin complexes bind to 1 TAP.,tissue specificity:Neutrophils, mostly in fully differentiated cells.,</p>		

| Validation Data

| Contact information

Orders: order.cn@immunoway.com

Support: support.cn@immunoway.com

Telephone: 400-8787-807(China)

Website: http://www.immunoway.com.cn

Address: 2200 Ringwood Ave San Jose, CA 95131 USA



Please scan the QR code to access additional product information:

TPSN Rabbit pAb