

Datasheet for ABIN7428305  
**anti-TPSAB1 antibody (AA 161-262)**

## 6 Images

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## Overview

Quantity:	100 µL
Target:	TPSAB1
Binding Specificity:	AA 161-262
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This TPSAB1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

## Product Details

Purpose:	Monoclonal Antibody to Tryptase (TPS)
Immunogen:	Recombinant Tryptase (TPS) corresponding to Gly161~Tyr262 with Two N-terminal Tags, His-tag and SUMO-tag
Clone:	C16
Isotype:	IgG
Specificity:	The antibody is a mouse monoclonal antibody raised against TPS. It has been selected for its ability to recognize TPS in immunohistochemical staining and western blotting.
Purification:	Protein A + Protein G affinity chromatography

## Target Details

Target:	TPSAB1
Alternative Name:	Tryptase ( <a href="#">TPSAB1 Products</a> )
Background:	TPSAB1, Tryptase Alpha/Beta 1, Tryptase Alpha II, Tryptase Beta I, Tryptase-I, Tryptase-II, Tryptase-III

## Application Details

Application Notes:	Western blotting: 0.5-5 µg/mL Immunocytochemistry in formalin fixed cells: 5-30 µg/mL Immunohistochemistry in formalin fixed frozen section: 5-30 µg/mL Immunohistochemistry in paraffin section: 5-30 µg/mL Enzyme-linked Immunosorbent Assay: 0.05-2 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

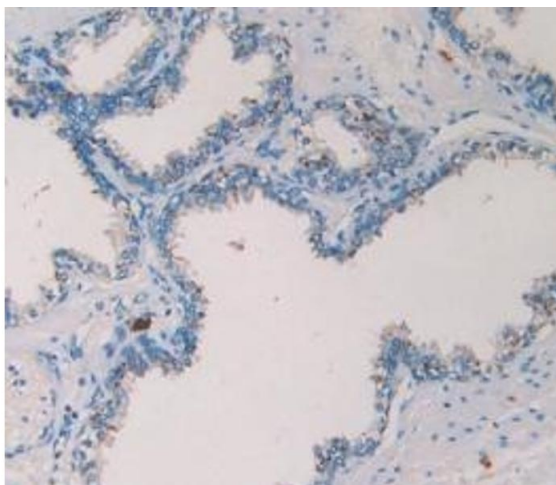
## Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



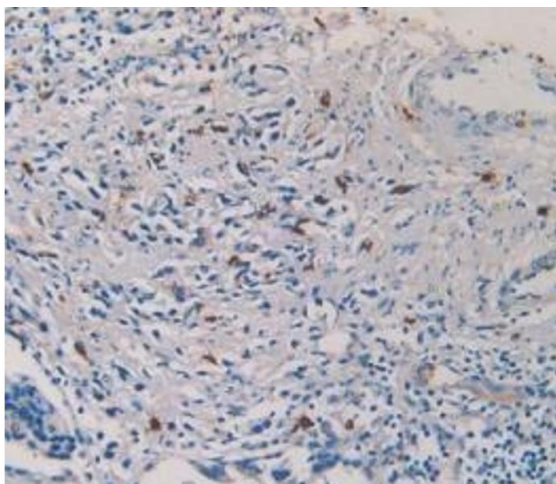
#### Western Blotting

**Image 1.** Detection of TPS in Human Liver lysate using Monoclonal Antibody to Tryptase (TPS)



#### Immunohistochemistry

**Image 2.** Detection of TPS in Human Prostate Gland Tissue using Monoclonal Antibody to Tryptase (TPS)



#### Immunohistochemistry

**Image 3.** Detection of TPS in Human Prostate Gland Cancer Tissue using Monoclonal Antibody to Tryptase (TPS)

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN7428305.