

Datasheet for ABIN7426694  
**anti-APLP2 antibody (AA 607-852)**

## 3 Images

[Go to Product page](#)

## Overview

Quantity:	100 µL
Target:	APLP2
Binding Specificity:	AA 607-852
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This APLP2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

## Product Details

Purpose:	Monoclonal Antibody to Suppression Of Tumorigenicity 14 (ST14)
Immunogen:	Recombinant Suppression Of Tumorigenicity 14 (ST14) corresponding to Arg607~Asn852 with N-terminal His Tag
Clone:	C4
Isotype:	IgG2b kappa
Specificity:	The antibody is a mouse monoclonal antibody raised against ST14. It has been selected for its ability to recognize ST14 in immunohistochemical staining and western blotting.
Purification:	Protein A + Protein G affinity chromatography

## Target Details

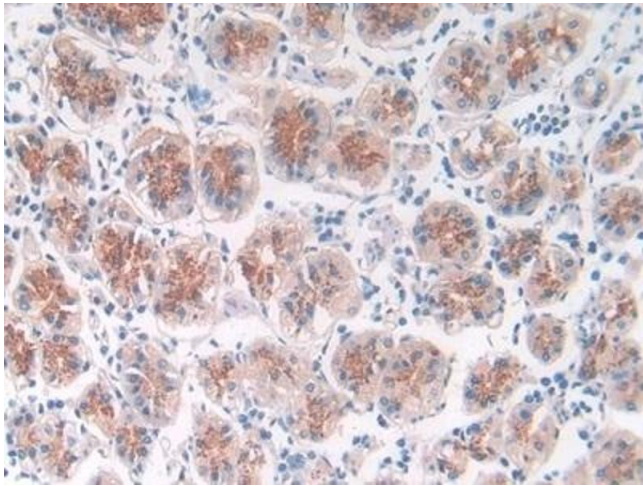
Target:	APLP2
Alternative Name:	Suppression Of Tumorigenicity 14 ( <a href="#">APLP2 Products</a> )
Background:	SNC19, HAI, MT-SP1, PRSS14, TADG15, Epithin, Matriptase, Prostamin, Membrane-type serine protease 1, Serine protease 14, Tumor-associated differentially-expressed gene 15
Pathways:	<a href="#">EGFR Signaling Pathway</a> , <a href="#">Transition Metal Ion Homeostasis</a> , <a href="#">Feeding Behaviour</a>

## Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 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

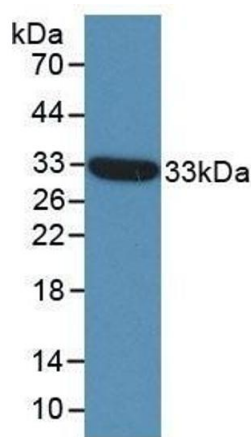
## Handling

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



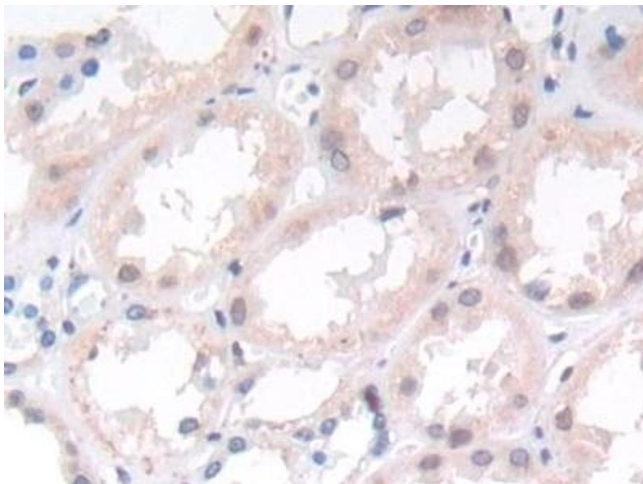
#### Immunohistochemistry

**Image 1.** Detection of ST14 in Human Stomach Tissue using Monoclonal Antibody to Suppression Of Tumorigenicity 14 (ST14)



#### Western Blotting

**Image 2.** Detection of Recombinant ST14, Human using Monoclonal Antibody to Suppression Of Tumorigenicity 14 (ST14)



#### Immunohistochemistry

**Image 3.** Detection of ST14 in Human Kidney Tissue using Monoclonal Antibody to Suppression Of Tumorigenicity 14 (ST14)