

Datasheet for ABIN7427486
anti-TPSAB1 antibody (AA 151-275)

2 Images

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Overview

Quantity:	100 µL
Target:	TPSAB1
Binding Specificity:	AA 151-275
Reactivity:	Dog
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 Thr151~Pro275 with N-terminal His 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

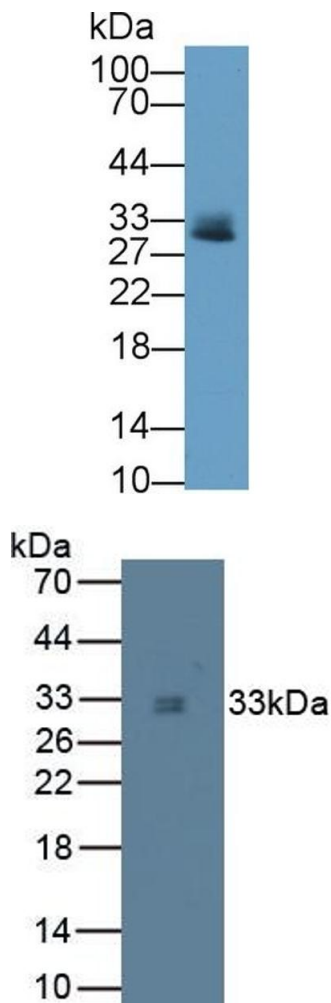
Target:	TPSAB1
Alternative Name:	Tryptase (TPSAB1 Products)
Background:	TPSAB1, Tryptase Alpha/Beta 1, Tryptase Alpha II, Tryptase Beta I, Tryptase-I, Tryptase-II, Tryptase-III

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL 1:500-2000 Immunohistochemistry: 5-20 µg/mL 1:50-200 Immunocytochemistry: 5-20 µg/mL 1:50-200 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 Porcine Skin lysate using Monoclonal Antibody to Tryptase (TPS)

Western Blotting

Image 2. Detection of TPS in Canine Liver Tissue using Monoclonal Antibody to Tryptase (TPS)