

Datasheet for ABIN7445741

anti-Aspartate beta Hydroxylase antibody (AA 345-758)



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3 Images

Overview

Quantity:	100 µL
Target:	Aspartate beta Hydroxylase (ASPH)
Binding Specificity:	AA 345-758
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Aspartate beta Hydroxylase antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Aspartate Beta Hydroxylase (ASPH)
Immunogen:	Recombinant Aspartate Beta Hydroxylase (ASPH) corresponding to Leu345~Ile758 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against ASPH. It has been selected for its ability to recognize ASPH in immunohistochemical staining and western blotting.
Cross-Reactivity:	Pig
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

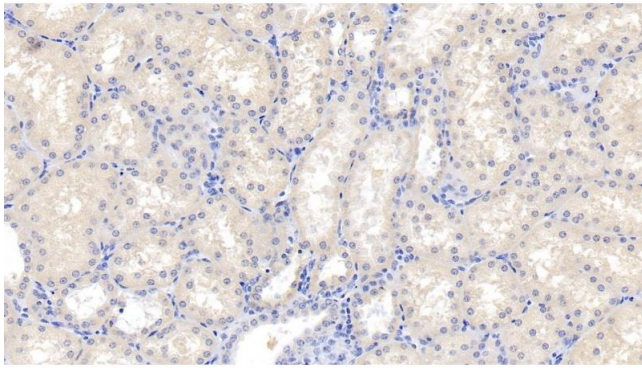
Target:	Aspartate beta Hydroxylase (ASPH)
Alternative Name:	Aspartate Beta Hydroxylase (ASPH Products)
Background:	BAH, CASQ2BP1, HAAH, JCTN, Junctin, Humbug, Junctate, Aspartyl/AsparaginyI Beta-Hydroxylase, Peptide-aspartate beta-dioxygenase
Pathways:	Positive Regulation of Endopeptidase Activity

Application Details

Application Notes:	Western blotting: 0.2-2 µg/mL 1:250-2500 Immunohistochemistry: 5-20 µg/mL 1:25-100 Immunocytochemistry: 5-20 µg/mL 1:25-100 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

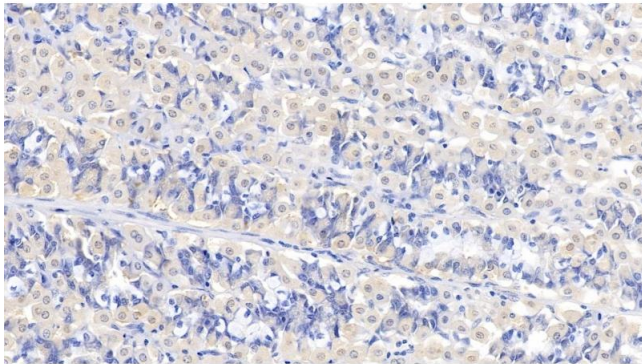
Handling

Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: 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



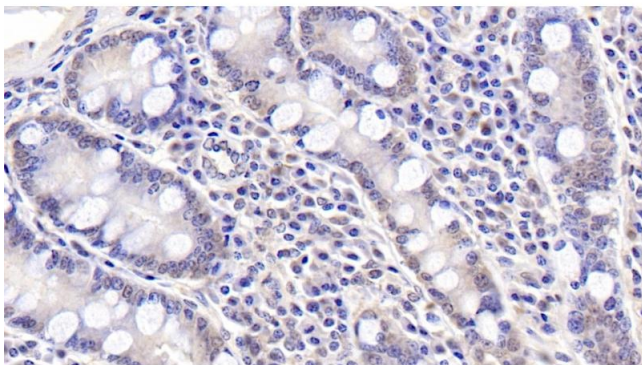
Immunohistochemistry

Image 1. Detection of ASPH in Human Kidney Tissue using Polyclonal Antibody to Aspartate Beta Hydroxylase (ASPH)



Immunohistochemistry

Image 2. Detection of ASPH in Human Stomach Tissue using Polyclonal Antibody to Aspartate Beta Hydroxylase (ASPH)



Immunohistochemistry

Image 3. Detection of ASPH in Human Small intestine Tissue using Polyclonal Antibody to Aspartate Beta Hydroxylase (ASPH)