

Datasheet for ABIN2460891

anti-Aspartate beta Hydroxylase antibody[Go to Product page](#)**1** Image

Overview

Quantity:	100 µL
Target:	Aspartate beta Hydroxylase (ASPH)
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Aspartate beta Hydroxylase antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Antibody produced in rabbits immunized with a synthetic peptide corresponding a region of human ASPH.
Purification:	Antibody is purified by protein A chromatography method.

Target Details

Target:	Aspartate beta Hydroxylase (ASPH)
Alternative Name:	ASPH (ASPH Products)
Background:	ASPH is thought to play an important role in calcium homeostasis. Alternative splicing of this gene results in five transcript variants which vary in protein translation, the coding of catalytic domains, and tissue expression. Variation among these transcripts impacts their functions which involve roles in the calcium storage and release process in the endoplasmic and sarcoplasmic reticulum as well as hydroxylation of aspartic acid and asparagine in epidermal

Target Details

	growth factor-like domains of various proteins.
Molecular Weight:	86 kDa
Gene ID:	444
NCBI Accession:	NP_004309
UniProt:	Q12797
Pathways:	Positive Regulation of Endopeptidase Activity

Application Details

Application Notes:	ASPH antibody can be used for detection of ASPH by ELISA at 1:312500. ASPH antibody can be used for detection of ASPH by western blot at 5 µg/mL, and HRP conjugated secondary antibody should be diluted 1:50,000 - 100,000.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Add 100 µL of distilled water. Final antibody concentration is 1 mg/mL.
Concentration:	1 mg/mL
Buffer:	Antibody is lyophilized in PBS buffer with 2 % sucrose.
Handling Advice:	As with any antibody avoid repeat freeze-thaw cycles.
Storage:	4 °C/-20 °C
Storage Comment:	For short periods of storage (days) store at 4 °C. For longer periods of storage, store ASPH antibody at -20 °C.



Western Blotting

Image 1.