

## Datasheet for ABIN2460891

## anti-Aspartate beta Hydroxylase antibody



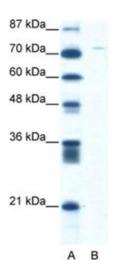
Image



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**

rarget 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 $\mu g/mL$ , and HRP conjugated secondary
	antibody should be diluted 1:50,000 - 100,000.
Restrictions:	For Research Use only
Handling	
Format:	Lyophilized
Reconstitution:	Add 100 ?L 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.