

Datasheet for ABIN630417

anti-Aspartate beta Hydroxylase antibody (N-Term)



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Overview

Quantity:	100 µg
Target:	Aspartate beta Hydroxylase (ASPH)
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Aspartate beta Hydroxylase antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	ASPH antibody was raised using the N terminal of ASPH corresponding to a region with amino acids SEVLQGKLG IYDADGDGDFD VDDAKVLLLEGPSGVAKRKTAKVKELTKEE
Specificity:	ASPH antibody was raised against the N terminal of ASPH
Purification:	Purified

Target Details

Target:	Aspartate beta Hydroxylase (ASPH)
Alternative Name:	ASPH
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

Target Details

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 growth factor-like domains of various proteins.

Molecular Weight:	25 kDa (MW of target protein)
Pathways:	Positive Regulation of Endopeptidase Activity

Application Details

Application Notes:	WB: 2.5 µg/mL, IHC: 4-8 µg/mL Optimal conditions should be determined by the investigator.
Comment:	ASPH Blocking Peptide, (ABIN5612192), is also available for use as a blocking control in assays to test for specificity of this ASPH antibody
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Lyophilized powder. Add distilled water for a 1 mg/mL concentration of ASPH antibody in PBS
Concentration:	Lot specific
Buffer:	PBS
Handling Advice:	Avoid repeated freeze/thaw cycles. Dilute only prior to immediate use.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.