

Rabbit ASPH Polyclonal Antibody | anti-ASPH antibody

ASPH antibody - middle region

CATALOG # AAA197752	HOST Rabbit	REACTIVITY Dog, Horse, Human, Pig, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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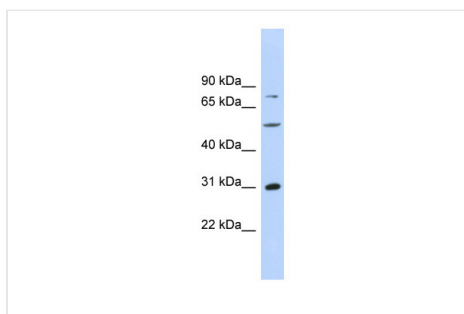
PRODUCT SYNONYMS

ASPH; Polyclonal Antibody; ASPH antibody - middle region; anti-ASPH antibody

PRODUCT SPECIFICATIONS

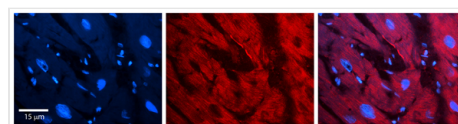
Host	Rabbit
Reactivity	Dog, Horse, Human, Pig, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: PV EDSQVIVEEV SIFPVEEQQE VPPETNRKTD DPEQKAKVKK KKP KLLNK
Sequence Length	758
Applicable Applications for anti-ASPH antibody	IHC (Immunohistochemistry), WB (Western Blot)
Homology	Dog: 86%; Horse: 93%; Human: 100%; Pig: 86%; Rat: 86%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human ASPH
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



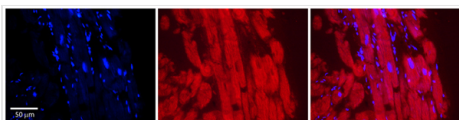
WB (Western Blot)

WB Suggested Anti-ASPH Antibody Titration: 0.2-1 ug/mL
ELISA Titer: 1:12500
Positive Control: MCF7 cell lysate



IHC (Immunohistochemistry)

Rabbit Anti-ASPH Antibody
Formalin Fixed Paraffin Embedded Tissue: Human heart
Tissue
Observed Staining: Cytoplasmic, plasma membrane
Primary Antibody Concentration: 1:100
Other Working Concentrations: N/A
Secondary Antibody: Donkey anti-Rabbit-Cy3
Secondary Antibody Concentration: 1:200
Magnification: 20X
Exposure Time: 0.5 - 2.0 sec



IHC (Immunohistochemistry)

Rabbit Anti-ASPH Antibody
Formalin Fixed Paraffin Embedded Tissue: Human Adult heart
Observed Staining: Cytoplasmic
Primary Antibody Concentration: 1:100
Secondary Antibody: Donkey anti-Rabbit-Cy2/3
Secondary Antibody Concentration: 1:200
Magnification: 20X
Exposure Time: 0.5 - 2.0 sec
Protocol located in Reviews and Data.

ADDITIONAL INFORMATION

Related Product Information for anti-ASPH antibody	This is a rabbit polyclonal antibody against ASPH. It was validated on Western Blot using a cell lysate as a positive control. Target Description: 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 growth factor-like domains of various proteins.
Product Categories/Family for anti-ASPH antibody	Polyclonal ; Transcription Factor ; Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	14589866
NCBI GeneID	444
NCBI Accession #	NP_004309
NCBI GenBank Nucleotide #	NM_004318
UniProt Accession #	Q12797
Molecular Weight	86kDa
NCBI Official Full Name	aspartyl/asparaginyl beta-hydroxylase isoform a
NCBI Official Synonym Full Names	aspartate beta-hydroxylase
NCBI Official Symbol	ASPH
NCBI Official Synonym Symbols	AAH; BAH; HAAH; JCTN; FDLAB; junctin; CASQ2BP1
NCBI Protein Information	aspartyl/asparaginyl beta-hydroxylase
UniProt Protein Name	Aspartyl/asparaginyl beta-hydroxylase
UniProt Gene Name	ASPH
UniProt Synonym Gene Names	BAH; ASP beta-hydroxylase
UniProt Entry Name	ASPH_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/asph-antibody-immunohistochemistry-western-blot-elisa/197752>