

Rabbit ASPH Polyclonal Antibody | anti-ASPH antibody

ASPH antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA200157	Rabbit	Dog, Horse, Human, Mouse, Pig, Rabbit, Rat	Western Blot, Immunohistochemistry

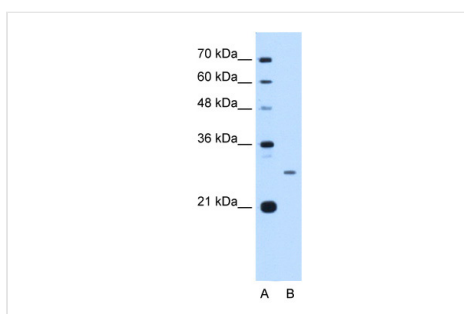
PRODUCT SYNONYMS

ASPH; Polyclonal Antibody; ASPH antibody - N-terminal region; anti-ASPH antibody

PRODUCT SPECIFICATIONS

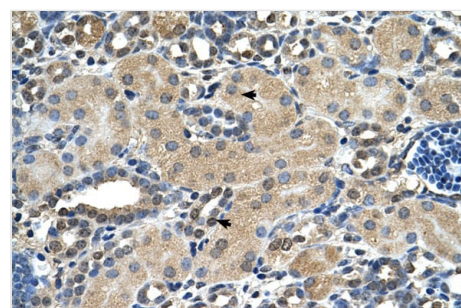
Host	Rabbit
Reactivity	Dog, Horse, Human, Mouse, Pig, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Protein A purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: SE VLQGKLGIDYD ADGDGDFDVK DAKVLLEGPS GVAKRKTKAK VKELTKEE
Sequence Length	225
Applicable Applications for anti-ASPH antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Dog: 93%; Horse: 83%; Human: 100%; Mouse: 86%; Pig: 93%; Rabbit: 86%; Rat: 86%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal 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: 2.5ug/ml Positive Control: HepG2 cell lysate There is BioGPS gene expression data showing that ASPH is expressed in HepG2



IHC (Immunohistochemistry)

Human kidney

ADDITIONAL INFORMATION

Related Product Information for anti-ASPH antibody	This is a rabbit polyclonal antibody against ASPH. It was validated on Western Blot and immunohistochemistry 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.This gene 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; Membrane Protein; Immunohistochemistry

NCBI AND UNIPROT INFORMATION

NCBI GI #	9910364
NCBI GeneID	444
NCBI Accession #	NP_064549
NCBI GenBank Nucleotide #	NM_020164
UniProt Accession #	Q9NRI0; Q12797
Molecular Weight	25kDa
NCBI Official Full Name	aspartyl/asparaginyl beta-hydroxylase isoform e
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

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-western-blot-immunohistochemistry-elisa/200157>