

Rabbit ALAS2 Polyclonal Antibody | anti-ALAS2 antibody

ALAS2 antibody - N-terminal region

CATALOG # AAA199013	HOST Rabbit	REACTIVITY Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat	APPLICATIONS Western Blot, Immunohistochemistry
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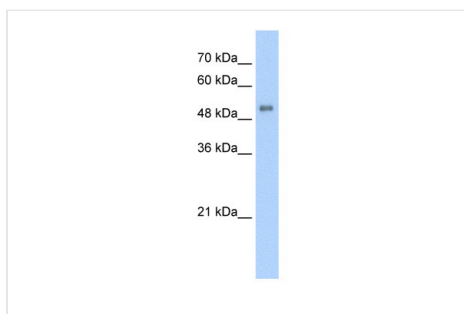
PRODUCT SYNONYMS

ALAS2; Polyclonal Antibody; ALAS2 antibody - N-terminal region; anti-ALAS2 antibody

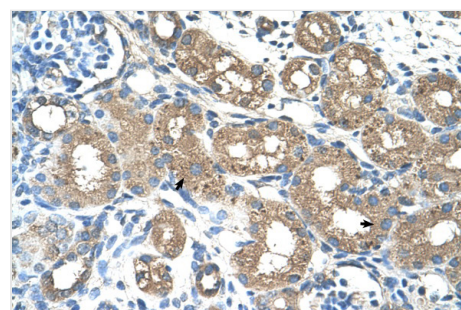
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, 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: VF KTVNRWADAY PFAQHFSEAS VASKDVSVWC SNDYLGMSRH PQVLQATQ
Sequence Length	515
Applicable Applications for anti-ALAS2 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 86%; Dog: 93%; Guinea Pig: 93%; Horse: 93%; Human: 100%; Mouse: 93%; Rabbit: 93%; Rat: 93%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human ALAS2
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-ALAS2 Antibody Titration: 5.0ug/ml Positive Control: Jurkat cell lysate


IHC (Immunohistochemistry)

Rabbit Anti-ALAS2 Antibody Paraffin Embedded Tissue: Human Kidney Cellular Data: Epithelial cells of renal tubule Antibody Concentration: 4.0-8.0 ug/ml Magnification: 400X

ADDITIONAL INFORMATION

Related Product Information for anti-ALAS2 antibody	This is a rabbit polyclonal antibody against ALAS2. It was validated on Western Blot and immunohistochemistry Target Description: ALAS2 specifies an erythroid-specific mitochondrially located enzyme. The protein catalyzes the first step in the heme biosynthetic pathway. Defects in its gene cause X-linked pyridoxine-responsive sideroblastic anemia.The product of this gene specifies an erythroid-specific mitochondrially located enzyme. The encoded protein catalyzes the first step in the heme biosynthetic pathway. Defects in this gene cause X-linked pyridoxine-responsive sideroblastic anemia. Alternatively spliced transcript variants encoding different isoforms have been identified.
Product Categories/Family for anti-ALAS2 antibody	Polyclonal; Drugs and Drug Metabolism; Disease Related; Tissue Specific & Cell Marker; Immunohistochemistry; Hypoxia

NCBI AND UNIPROT INFORMATION

NCBI GI #	189217859
NCBI GeneID	212
NCBI Accession #	NP_001033058
NCBI GenBank Nucleotide #	NM_001037969
UniProt Accession #	P22557
Molecular Weight	57kDa
NCBI Official Synonym Full Names	5'-aminolevulinate synthase 2
NCBI Official Symbol	ALAS2
NCBI Official Synonym Symbols	ASB; ANH1; XLSA; ALASE; XLDPP; XLEPP; ALAS-E; SIDBA1
NCBI Protein Information	5-aminolevulinate synthase, erythroid-specific, mitochondrial
UniProt Protein Name	5-aminolevulinate synthase, erythroid-specific, mitochondrial
UniProt Gene Name	ALAS2
UniProt Synonym Gene Names	ALASE; ASB; ALAS-E
UniProt Entry Name	HEM0_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/polyclonal/alas2-antibody-western-blot-immunohistochemistry-elisa/199013>