

Rabbit AIBP Polyclonal Antibody | anti-APOA1BP antibody

AIBP Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289527	Rabbit	Human, mouse, rat	Immunofluorescence, ELISA, Western Blot

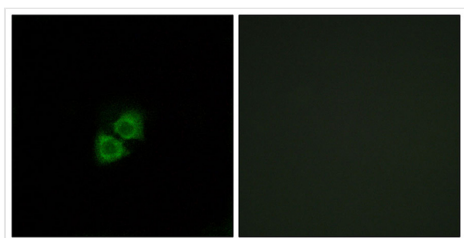
PRODUCT SYNONYMS

AIBP; Polyclonal Antibody; AIBP Antibody; NAD(P)H-hydrate epimerase {ECO:0000255|HAMAP-Rule:MF_03159}; Apolipoprotein A-I-binding protein {ECO:0000255|HAMAP-Rule:MF_03159}; AI-BP {ECO:0000255|HAMAP-Rule:MF_03159}; NAD(P)HX epimerase {ECO:0000255|HAMAP-Rule:MF_03159}; YjeF N-terminal domain-containing protein 1; YjeF_N1; APOA1BP {ECO:0000255|HAMAP-Rule:MF_03159}; anti-APOA1BP antibody

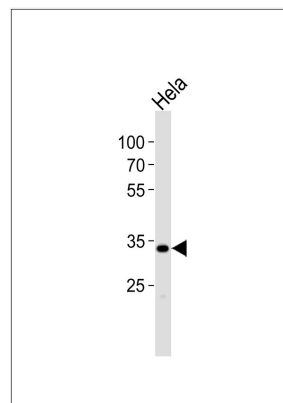
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse, rat
Clonality	Polyclonal
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Positions	133-161
Sequence Length	185
Applicable Applications for anti-APOA1BP antibody	IF (Immunofluorescence), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


IF (Immunofluorescence)

Immunofluorescence analysis of A549 cells, using AIBP antibody.


WB (Western Blot)

Western blot analysis of lysate from HeLa cell line, using AIBP Antibody, was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35ug.

ADDITIONAL INFORMATION

Related Product Information for anti-APOA1BP antibody	Catalyzes the epimerization of the S- and R-forms of NAD(P)HX, a damaged form of NAD(P)H that is a result of enzymatic or heat-dependent hydration. This is a prerequisite for the S- specific NAD(P)H-hydrate dehydratase to allow the repair of both epimers of NAD(P)HX (By similarity).
Product Categories/Family for anti-APOA1BP antibody	Cardiovascular
References	Ritter M.,et al.Genomics 79:693-702(2002). Ota T.,et al.Nat. Genet. 36:40-45(2004). Gregory S.G.,et al.Nature 441:315-321(2006). Burkard T.R.,et al.BMC Syst. Biol. 5:17-17(2011).

NCBI AND UNIPROT INFORMATION

NCBI GI #	91984773
NCBI GeneID	128240
NCBI Accession #	NP_658985.2
NCBI GenBank Nucleotide #	NM_144772.2
UniProt Accession #	Q8NCW5; Q496C6; Q5T3I2; B4DGY3
Molecular Weight	31675
NCBI Official Full Name	NAD(P)H-hydrate epimerase
NCBI Official Synonym Full Names	apolipoprotein A-I binding protein
NCBI Official Symbol	APOA1BP
NCBI Official Synonym Symbols	AIBP; YJEFN1
NCBI Protein Information	NAD(P)H-hydrate epimerase
UniProt Protein Name	NAD(P)H-hydrate epimerase
UniProt Gene Name	APOA1BP
UniProt Synonym Gene Names	AI-BP; YjeF_N1
UniProt Entry Name	NNRE_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/aibp-antibody-immunofluorescence-western-blot-elisa/289527>