

Rabbit ABAD Polyclonal Antibody | anti-ABAD antibody

ABAD Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289465	Rabbit	Human, mouse (Predicted Reactivity: Bovine, Rat)	Western Blot, Immunohistochemistry, ELISA

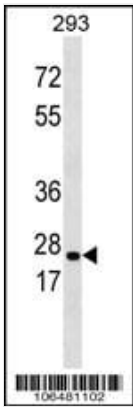
PRODUCT SYNONYMS

ABAD; Polyclonal Antibody; ABAD Antibody (C-term); hydroxyacyl-Coenzyme A dehydrogenase; type II isoform 1; 3-hydroxyacyl-CoA dehydrogenase type II; Type II HADH; 3-hydroxy-2-methylbutyryl-CoA dehydrogenase; Endoplasmic reticulum-associated amyloid beta-peptide binding protein; Short-chain type dehydrogenase/reductase XH98G2 ; ERAB; HSD17B10; SCHAD; HADH2 protein; anti-ABAD antibody

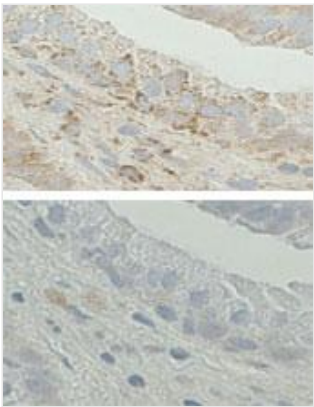
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse (Predicted Reactivity: Bovine, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This ABAD antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 199-235 amino acids from the C-terminal region of human ABAD.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	199-235
Sequence Length	252
Applicable Applications for anti-ABAD antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
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.

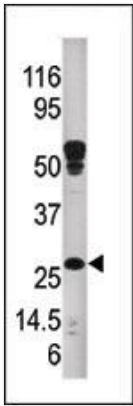
IMAGES



WB (Western Blot)
ABAD Antibody (C214) western blot analysis in 293 cell line lysates (35ug/lane). This demonstrates the ABAD antibody detected the ABAD protein (arrow).



IHC (Immunohistochemistry)
Immunohistochemistry on Formalin-fixed and paraffin-embedded human prostate tissue. (Top) Coloration with the Anti-ABAD antibody at a 1:20 concentration. (Bottom) Antibody adsorbed to the antigen (peptide), negative control. Disappearance of cytoplasmic staining indicating the antibody is specific. Data and protocol courtesy of Marie-Hélène Levesque, Centre de Recherche du CHUL, Canada.



WB (Western Blot)
Western blot analysis of anti-ABAD Pab in mouse kidney tissue lysate. ABAD (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-ABAD antibody	Amyloid b-peptide-binding alcohol dehydrogenase (ABAD) is a member of the family of short chain dehydrogenase/reductases; unique among this family, it binds amyloid b-peptide and exhibits enzymatic activity toward a wide variety of substrates including linear alcohols. In an amyloid beta-abundant environment, ABAD appears to trigger cell stress induced by the amyloid peptide.
References	FASEB J. 19 (6), 597-598 (2005) J. Mol. Biol. 342 (3), 943-952 (2004) Science 304 (5669), 448-452 (2004) FEBS Lett. 451 (3), 238-242 (1999) J. Biol. Chem. 274 (21), 15014-15019 (1999)

NCBI AND UNIPROT INFORMATION

NCBI GI #	83715985
NCBI GeneID	3028
NCBI Accession #	NP_001032900.1
NCBI GenBank Nucleotide #	NM_001037811.2
UniProt Accession #	Q6IBS9; Q5H927; Q8TCV9; Q96HD5; Q99714
Molecular Weight	25,984 Da

NCBI Official Full Name	3-hydroxyacyl-CoA dehydrogenase type-2 isoform 2
NCBI Official Synonym Full Names	hydroxysteroid (17-beta) dehydrogenase 10
NCBI Official Symbol	HSD17B10
NCBI Official Synonym Symbols	ABAD; CAMR; ERAB; HCD2; MHBD; HADH2; MRPP2; MRX17; MRX31; SCHAD; MRXS10; SDR5C1; 17b-HSD10; DUPXp11.22
NCBI Protein Information	3-hydroxyacyl-CoA dehydrogenase type-2
UniProt Protein Name	3-hydroxyacyl-CoA dehydrogenase type-2
UniProt Gene Name	HSD17B10
UniProt Synonym Gene Names	ERAB; HADH2; MRPP2; SCHAD; SDR5C1; XH98G2; 17-beta-HSD 10; Mitochondrial RNase P protein 2
UniProt Entry Name	HCD2_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/abad-antibody-western-blot-immunohistochemistry-elisa/289465>