

Rabbit anti-Human OXSM Polyclonal Antibody | anti-OXSM antibody

Anti-OXSM Antibody, Rabbit Polyclonal

CATALOG # AAA256030	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
-------------------------------	-----------------------	----------------------------	---

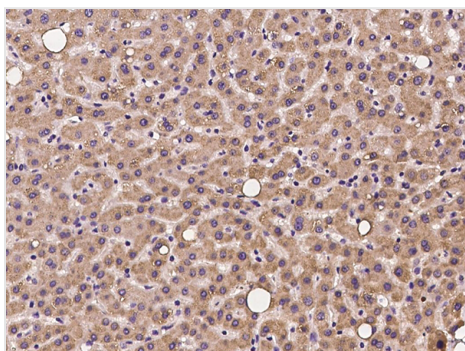
PRODUCT SYNONYMS

OXSM; Polyclonal Antibody; Anti-OXSM Antibody; Rabbit Polyclonal; OXSM Antibody; Rabbit PAb; Antigen Affinity Purified; 3-oxoacyl-ACP synthase; mitochondrial; Anti-FASN2D Antibody; Anti-KASI Antibody; Anti-KS Antibody; anti-OXSM antibody

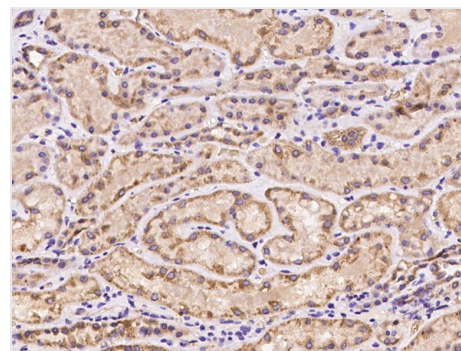
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human OXSM
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-OXSM antibody	IHC (Immunohistochemistry)
Immunogen	E Coli-derived Human OXSM fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human OXSM fragment, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles.

IMAGES


IHC (Immunohistochemistry)

Immunohistochemical staining of human OXSM in human liver with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.


IHC (Immunohistochemistry)

Immunohistochemical staining of human OXSM in human kidney with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Related Product Information for anti-OXSM antibody	OXSM (3-Oxoacyl-ACP Synthase, Mitochondrial) is a Protein Coding gene. The OXSM gene, located on 3p24.2, is conserved in chimpanzee, Rhesus monkey, dog, cow, mouse, rat, chicken, zebrafish, fruit fly, mosquito, S.cerevisiae, K.lactis, E.gossypii, S.pombe, M.oryzae, N.crassa, A.thaliana, rice, and frog. This gene encodes a beta-ketoacyl synthetase. The encoded enzyme is required for the elongation of fatty acid chains in the mitochondria. OXSM is widely expressed in the testis, thyroid, and other tissues. Diseases associated with OXSM include Fanconi Anemia, Complementation Group D2. Among its related pathways are Fatty acid biosynthesis (KEGG) and palmitate biosynthesis. OXSM may play a role in the biosynthesis of lipoic acid as well as longer chain fatty acids required for optimal mitochondrial function.
References	Zhang L, et al. (2005) Cloning, expression, and characterization of the human mitochondrial beta-ketoacyl synthase. Complementation of the yeast cem1 knock-out strain. J Biol Chem 280 (13): 12422-12429.Rosenbluh J, et al. (2016) Genetic and proteomic interrogation of lower confidence candidate genes reveals signaling networks in beta-catenin-active cancers. Cell Syst 3 (3): 302-316.e304.Hendrickson SL, et al. (2010) Genetic variants in nuclear-encoded mitochondrial genes influence aids progression. PLoS One 5 (9): e12862.

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://stage.aaabiotech.com/polyclonal/oxsm-antibody-immunohistochemistry-elisa/256030>