

# OXSM Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP56748

## Product Information

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|--------------------------|--------------------------|
| <b>Application</b>       | IHC-P, IHC-F, IF, ICC, E |
| <b>Primary Accession</b> | <a href="#">Q9NWU1</a>   |
| <b>Reactivity</b>        | Rat, Pig, Dog, Bovine    |
| <b>Host</b>              | Rabbit                   |
| <b>Clonality</b>         | Polyclonal               |
| <b>Calculated MW</b>     | 48843                    |

## Additional Information

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|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene ID</b>     | 54995                                                                                                                                                                                           |
| <b>Other Names</b> | 3-oxoacyl-[acyl-carrier-protein] synthase, mitochondrial, 2.3.1.41, Beta-ketoacyl-ACP synthase, OXSM ( <a href="#">HGNC:26063</a> )                                                             |
| <b>Dilution</b>    | IHC-P=1:100-500,IHC-F=1:100-500,ICC=1:100-500,IF=1:100-500,ELISA=1:5000-10000                                                                                                                   |
| <b>Storage</b>     | Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C. |

## Protein Information

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|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| <b>Name</b>              | OXSM ( <a href="#">HGNC:26063</a> )                                                                                                 |
| <b>Function</b>          | May play a role in the biosynthesis of lipoic acid as well as longer chain fatty acids required for optimal mitochondrial function. |
| <b>Cellular Location</b> | Mitochondrion.                                                                                                                      |
| <b>Tissue Location</b>   | Widely expressed. Higher expression in heart, skeletal muscle, liver and kidney which contain high levels of active mitochondria.   |

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.