Datasheet for ABIN2782563
anti-OXSM antibody (Middle Region)
1 Image


Overview

| Quantity: | $100 \mu \mathrm{~L}$ |
| :--- | :--- |
| Target: | OXSM |
| Binding Specificity: | Middle Region |
| Reactivity: | Human, Mouse, Rat, Rabbit, Dog, Horse, Cow, Guinea Pig |
| Host: | Polyclonal |
| Clonality: | This OXSM antibody is un-conjugated |
| Conjugate: | Western Blotting (WB) |

Product Details

| Immunogen: | The immunogen is a synthetic peptide directed towards the middle region of human OXSM |
| :---: | :---: |
| Sequence: | HAVQRRARIY AEVLGYGLSG DAGHITAPDP EGEGALRCMA AALKDAGVQP |
| Predicted Reactivity: | Cow: 93\%, Dog: 100\%, Guinea Pig: 93\%, Horse: 100\%, Human: 100\%, Mouse: 100\%, Rabbit: 100\%, Rat: 100\% |
| Characteristics: | This is a rabbit polyclonal antibody against OXSM. It was validated on Western Blot using a cell lysate as a positive control. |
| Purification: | Affinity Purified |

Target Details
Target:
OXSM

Target Details

| Alternative Name: | OXSM (OXSM Products) |
| :--- | :--- |
| Background: | OXSM is a mitochondrial beta-ketoacyl synthase (EC 2.3.1.41) involved in mitochondrial fatty <br> acid synthesis. It is required for catalysis of the chain-elongating condensation reaction. OXSM <br> is a mitochondrial beta-ketoacyl synthase (EC 2.3.1.41) involved in mitochondrial fatty acid <br> synthesis. It is required for catalysis of the chain-elongating condensation reaction (Zhang et <br> al., 2005 [PubMed 15668256]).[supplied by OMIM]. <br> Alias Symbols: FASN2D, FLJ20604, KS, KASI <br> Protein Interaction Partner: APP, <br> Protein Size: 459 |
| Molecular Weight: | 49 kDa |
| Gene ID: | 54995 |
| NCBI Accession: | NM_017897, NP_060367 |
| UniProt: | Q9NWU1 |

## Application Details

| Application Notes: | Optimal working dilutions should be determined experimentally by the investigator. |
| :--- | :--- |
| Comment: | Antigen size: 459 AA |
| Restrictions: | For Research Use only |
| Handling | Liquid |
| Format: | Lot specific |
| Concentration: | Liquid. Purified antibody supplied in $1 \times$ PBS buffer with $0.09 \%$ (w/v) sodium azide and $2 \%$ |
| Buffer: | Sodium azide |
| Preservative: | This product contains Sodium azide: a PoISONOUS AND HAZARDOUS SUBSTANCE which |
| Precaution of Use: | should be handled by trained staff only. |
| Handling Advice: | $-20^{\circ} \mathrm{C}$ |



