

Datasheet for ABIN7599388
anti-OXSM antibody (AA 1-431)



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Overview

Quantity:	100 µg
Target:	OXSM
Binding Specificity:	AA 1-431
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OXSM antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Flow Cytometry (FACS), Immunocytochemistry (ICC), Immunofluorescence (IF)

Product Details

Purpose:	Anti-OXSM Antibody Picoband®
Immunogen:	E.coli-derived human OXSM recombinant protein (Position: M1-E431).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-OXSM Antibody Picoband® (ABIN7599388). Tested in ELISA, Flow Cytometry, IF, IHC, ICC, WB applications. This antibody reacts with Human, Rat. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Purification:	Immunogen affinity purified.

Target Details

Target:	OXSM
Alternative Name:	OXSM (OXSM Products)
Background:	<p>Synonyms: Mediator of RNA polymerase II transcription subunit 9, Mediator complex subunit 9, MED9, MED25,</p> <p>Tissue Specificity: Expressed in fetal brain, fetal lung, fetal liver, heart, brain, placenta, lung, liver, muscle, kidney and pancreas.</p> <p>Background: This gene encodes a beta-ketoacyl synthetase. The encoded enzyme is required for elongation of fatty acid chains in the mitochondria. Alternatively spliced transcript variants have been described.</p>
Molecular Weight:	46 kDa
Gene ID:	54995

Application Details

Application Notes:	<p>Western blot, 0.25-0.5 µg/mL, Human, Rat</p> <p>Immunohistochemistry(Paraffin-embedded Section), 2-5 µg/mL, Human</p> <p>Immunocytochemistry/Immunofluorescence, 5 µg/mL, Human</p> <p>Flow Cytometry (Fixed), 1-3 µg/1x10⁶ cells, Human</p> <p>ELISA, 0.1-0.5 µg/mL, -</p> <p>1. Zhang, L., Joshi, A. K., Hofmann, J., Schweizer, E., Smith, S. Cloning, expression, and characterization of the human mitochondrial beta-ketoacyl synthase. J. Biol. Chem. 280: 12422-12429, 2005.</p>
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Adding 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ .
Storage:	4 °C, -20 °C
Storage Comment:	<p>At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month.</p> <p>It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and</p>

thawing.