

Datasheet for ABIN7601433
anti-RETSAT antibody (AA 35-597)



[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	RETSAT
Binding Specificity:	AA 35-597
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RETSAT antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS)

Product Details

Purpose:	Anti-RETSAT Antibody Picoband®
Immunogen:	E.coli-derived human RETSAT recombinant protein (Position: E35-K597).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-RETSAT Antibody Picoband® (ABIN7601433). Tested in ELISA, Flow Cytometry, 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:	RETSAT
Alternative Name:	RETSAT (RETSAT Products)
Background:	Synonyms: Interleukin-17B, IL-17B, Cytokine CX1, Cytokine-like protein ZCYTO7, Neuronal interleukin-17-related factor, Il17b, Nirf, Zcyto7 Tissue Specificity: Expressed in adult pancreas, small intestine, stomach, spinal cord and testis. Less pronounced expression in prostate, colon mucosal lining, and ovary. Background: In enzymology, an all-trans-retinol 13,14-reductase is an enzyme, encoded by the RETSAT gene. Predicted to enable all-trans-retinol 13,14-reductase activity. Predicted to be involved in retinol metabolic process. Located in membrane.
Molecular Weight:	67 kDa
Gene ID:	54884

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Human, Rat Flow Cytometry (Fixed), 1-3 µg/1x10⁶ cells, Human ELISA, 0.1-0.5 µg/mL, - 1. Hartz, P. A. Personal Communication. Baltimore, Md. 7/26/2017. 2. Moise, A. R., Kuksa, V., Imanishi, Y., Palczewski, K. Identification of all-trans-retinol:all-trans-13,14-dihydroretinol saturase. J. Biol. Chem. 279: 50230-50242, 2004. 3. Schupp, M., Lefterova, M. I., Janke, J., Leitner, K., Cristancho, A. G., Mullican, S. E., Qatanani, M., Szwegold, N., Steger, D. J., Curtin, J. C., Kim, R. J., Suh, M.-J., Albert, M. R., Engeli, S., Gudas, L. J., Lazar, M. A. Retinol saturase promotes adipogenesis and is downregulated in obesity. Proc. Nat. Acad. Sci. 106: 1105-1110, 2009. Note: Erratum: Proc. Nat. Acad. Sci. 106: 4571 only, 2009.
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

Handling

Storage Comment: At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month.
It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and thawing.