

Datasheet for ABIN7600433
anti-NCOA5 antibody (AA 191-560)



[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	NCOA5
Binding Specificity:	AA 191-560
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NCOA5 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Flow Cytometry (FACS), Immunocytochemistry (ICC)

Product Details

Purpose:	Anti-NCOA5 Antibody Picoband®
Immunogen:	E.coli-derived human NCOA5 recombinant protein (Position: R191-Q560).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-NCOA5 Antibody Picoband® (ABIN7600433). Tested in ELISA, IF, IHC, ICC, WB, Flow Cytometry applications. This antibody reacts with Human, Mouse, 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:	NCOA5
Alternative Name:	NCOA5 (NCOA5 Products)
Background:	<p>Synonyms: Protein SOX-15, Protein SOX-12, Protein SOX-20, SOX15, SOX12, SOX20, SOX26, SOX27</p> <p>Tissue Specificity: Widely expressed in fetal and adult tissues examined, highest level found in fetal spinal cord and adult brain and testis.</p> <p>Background: Nuclear receptor coactivator 5 (NCOA5), also known as coactivator independent of AF-2 function (CIA), is a protein that in humans is encoded by the NCOA5 gene. This gene encodes a coregulator for the alpha and beta estrogen receptors and the orphan nuclear receptor NR1D2. The protein localizes to the nucleus, and is thought to have both coactivator and corepressor functions. Its interaction with nuclear receptors is independent of the AF2 domain on the receptors, which is known to regulate interaction with other coreceptors. Several alternatively spliced transcript variants have been found for this gene.</p>
Molecular Weight:	66 kDa
Gene ID:	57727

Application Details

Application Notes:	<p>Western blot, 0.25-0.5 µg/mL, Human, Mouse, 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. Gao, S., Li, A., Liu, F., Chen, F., Williams, M., zhang, C., Kelley, Z., Wu, C.-L., Luo, R., Xiao, H. NCOA5 haploinsufficiency results in glucose intolerance and subsequent hepatocellular carcinoma. <i>Cancer Cell</i> 24: 725-737, 2013. 2. Sauve, F., McBroom, L. D. B., Gallant, J., Moraitis, A. N., Labrie, F., Giguere, V. CIA, a novel estrogen receptor coactivator with a bifunctional nuclear receptor interacting determinant. <i>Molec. Cell. Biol.</i> 21: 343-353, 2001.</p>
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Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Reconstitution:	Adding 0.2 mL of distilled water will yield a concentration of 500 µg/mL.

Handling

Concentration: 500 µg/mL

Buffer: Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na₂HPO₄.

Storage: 4 °C, -20 °C

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.