

Datasheet for ABIN7600819  
**anti-HSDL2 antibody (AA 24-284)**



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## Overview

Quantity:	100 µg
Target:	HSDL2
Binding Specificity:	AA 24-284
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HSDL2 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunofluorescence (IF), Flow Cytometry (FACS)

## Product Details

Purpose:	Anti-HSDL2 Antibody Picoband®
Immunogen:	E.coli-derived human HSDL2 recombinant protein (Position: K24-K284). Human HSDL2 shares 87.7% and 87% amino acid (aa) sequence identity with mouse and rat HSDL2, respectively.
Isotype:	IgG
Cross-Reactivity (Details):	No cross reactivity with other proteins.
Characteristics:	Anti-HSDL2 Antibody Picoband® (ABIN7600819). 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.

## Product Details

Purification: Immunogen affinity purified.

## Target Details

Target: HSDL2

Alternative Name: HSDL2 ([HSDL2 Products](#))

Background: Synonyms: 70 kDa ribosomal protein S6 kinase 1 antibody, KS6B1\_HUMAN antibody, p70 alpha antibody, P70 beta 1 antibody, p70 ribosomal S6 kinase alpha antibody, p70 ribosomal S6 kinase beta 1 antibody, p70 S6 kinase alpha antibody, P70 S6 Kinase antibody, p70 S6 kinase alpha 1 antibody, p70 S6 kinase alpha 2 antibody, p70 S6K antibody, p70 S6K-alpha antibody, p70 S6KA antibody, p70(S6K) alpha antibody, p70(S6K)-alpha antibody, p70-alpha antibody, p70-S6K 1 antibody, p70-S6K antibody, P70S6K antibody, P70S6K1 antibody, p70S6Kb antibody, PS6K antibody, Ribosomal protein S6 kinase 70 kDa polypeptide 1 antibody, Ribosomal protein S6 kinase beta 1 antibody, Ribosomal protein S6 kinase beta-1 antibody, Ribosomal protein S6 kinase I antibody, RPS6KB1 antibody, S6K antibody, S6K-beta-1 antibody, S6K1 antibody, Serine/threonine kinase 14 alpha antibody, Serine/threonine-protein kinase 14A antibody, STK14A antibody

Tissue Specificity: Expressed in all tissues.

Background: HSDL2 has apparently no steroid dehydrogenase activity.

Molecular Weight: 45 kDa

Gene ID: 84263

## Application Details

Application Notes: Western blot, 0.25-0.5 µg/mL, Human

Immunohistochemistry, 2-5 µg/mL, Human, Mouse, Rat

Immunocytochemistry/Immunofluorescence, 5 µg/mL, Human

Immunofluorescence, 5 µg/mL, Human

Flow Cytometry (Fixed), 1-3 µg/1x10<sup>6</sup> cells, Human

ELISA, 0.1-0.5 µg/mL, -

1. Yang, Y. , Han, A. , Wang, X. , Yin, X. , & Lin, Z. . (2021). Lipid metabolism regulator human hydroxysteroid dehydrogenase 2 (hssl2) modulates cervical cancer cell proliferation and metastasis. Journal of Cellular and Molecular Medicine(5). 2. Jia, L. H. , Hu, M. D. , Liu, Y. , Xiong, X. , Wang, W. J. , & Wang, J. G. , et al. (2019). Hssl2 promotes bladder cancer growth in vitro and in vivo. International Journal of Medical Sciences, 16(5). 3. Zeng, J. , Ma, X. , Wang, J. , Liu, R. ,

Application Details

Shao, Y. , & Hou, Y. , et al. (2019). Down-regulated hsd12 expression suppresses cell proliferation and promotes apoptosis in papillary thyroid carcinoma. Bioscience Reports, 39(6).

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 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.