

Datasheet for ABIN7599336
anti-INTS12 antibody (AA 1-384)



[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	INTS12
Binding Specificity:	AA 1-384
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This INTS12 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS)

Product Details

Purpose:	Anti-INTS12 Antibody Picoband®
Immunogen:	E.coli-derived human INTS12 recombinant protein (Position: M1-K384). Human INTS12 shares 91.1% and 90.6% amino acid (aa) sequence identity with mouse and rat INTS12, respectively.
Isotype:	IgG
Cross-Reactivity (Details):	No cross reactivity with other proteins.
Characteristics:	Anti-INTS12 Antibody Picoband® (ABIN7599336). Tested in ELISA, 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:	INTS12
Alternative Name:	INTS12 (INTS12 Products)
Background:	<p>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</p> <p>Tissue Specificity: Expressed in all tissues.</p> <p>Background: Integrator complex subunit 12 (Int12) also known as PHD finger protein 22 (PHF22) is a protein that in humans is encoded by the INTS12 gene. INTS12 is a subunit of the Integrator complex, which associates with the C-terminal domain of RNA polymerase II large subunit (POLR2A, MIM 180660) and mediates 3-prime end processing of small nuclear RNAs U1 (RNU1, MIM 180680) and U2 (RNU2, MIM 180690) (Baillat et al., 2005 [PubMed 16239144]).</p>
Molecular Weight:	68 kDa
Gene ID:	57117

Application Details

Application Notes:	<p>Western blot, 0.25-0.5 µg/mL, Human, Mouse, Rat</p> <p>Flow Cytometry (Fixed), 1-3 µg/1x10⁶ cells, Human</p> <p>ELISA, 0.1-0.5 µg/mL, -</p> <p>1. Baillat, D., Hakimi, M.-A., Naar, A. M., Shilatifard, A., Cooch, N., Shiekhattar, R. Integrator, a multiprotein mediator of small nuclear RNA processing, associates with the C-terminal repeat of RNA polymerase II. Cell 123: 265-276, 2005. 2. Obeidat, M., Miller, S., Probert, K., Billington, C. K., Henry, A. P., Hodge, E., Nelson, C. P., Stewart, C. E., Swan, C., Wain, L. V., Artigas, M. S., Melen, E., Ushey, K., Hao, K., Lamontagne, M., Bosse, Y., Postma, D. S., Tobin, M. D., Sayers, I., Hall, I. P. GSTCD and INTS12 regulation and expression in the human lung. PLoS One 8: e74630, 2013.</p> <p>Note: Electronic Article.</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:	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.