

Datasheet for ABIN7601013
anti-PAAF1 antibody (AA 27-392)



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Overview

Quantity:	100 µg
Target:	PAAF1
Binding Specificity:	AA 27-392
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PAAF1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Flow Cytometry (FACS), Immunocytochemistry (ICC)

Product Details

Purpose:	Anti-PAAF1 Antibody Picoband®
Immunogen:	E.coli-derived human PAAF1 recombinant protein (Position: H27-L392).
Isotype:	IgG
Cross-Reactivity (Details):	No cross reactivity with other proteins.
Characteristics:	Anti-PAAF1 Antibody Picoband® (ABIN7601013). Tested in ELISA, IF, ICC, WB, Flow Cytometry applications. This antibody reacts with Human. 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:	PAAF1
Alternative Name:	PAAF1 (PAAF1 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: Proteasomal ATPase-associated factor 1 is an enzyme that in humans is encoded by the PAAF1 gene. This gene encodes a WD repeat-containing protein involved in regulation of association of proteasome components. During HIV infection, the encoded protein is thought to promote provirus transcription through recruitment of the 19S regulatory complex. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.</p>
Molecular Weight:	42 kDa
Gene ID:	80227

Application Details

Application Notes:	<p>Western blot, 0.25-0.5 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. Gross, M. B. Personal Communication. Baltimore, Md. 2/28/2022. 2. Lassot, I., Latreille, D., Rousset, E., Sourisseau, M., Linares, L. K., Chable-Bessia, C., Coux, O., Benkirane, M., Kiernan, R. E. The proteasome regulates HIV-1 transcription by both proteolytic and nonproteolytic mechanisms. Molec. Cell 25: 369-383, 2007. 3. Nakamura, M., Basavarajaiah, P., Rousset, E., Beraud, C., Latreille, D., Henaoui, I.-S., Lassot, I., Mari, B., Kiernan, R. Spt6 levels are modulated by PAAF1 and proteasome to regulate the HIV-1 LTR. Retrovirology 9: 13, 2012.</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.