

Datasheet for ABIN7601701
anti-GRIPAP1 antibody (AA 42-841)



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Overview

Quantity:	100 µg
Target:	GRIPAP1
Binding Specificity:	AA 42-841
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GRIPAP1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS)

Product Details

Purpose:	Anti-GRASP1/GRIPAP1 Antibody Picoband®
Immunogen:	E.coli-derived human GRASP1/GRIPAP1 recombinant protein (Position: R42-S841).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins
Characteristics:	Anti-GRASP1/GRIPAP1 Antibody Picoband® (ABIN7601701). Tested in ELISA, Flow Cytometry, WB 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:	GRIPAP1
Alternative Name:	GRIPAP1 (GRIPAP1 Products)
Background:	<p>Synonyms: Alpha-amylase 1,3.2.1.1,1,4-alpha-D-glucan glucanohydrolase 1,Salivary alpha-amylase,AMY1A,AMY1,AMY1B,AMY1,AMY1C,AMY1,</p> <p>Tissue Specificity: Highly expressed in the kidney, brain and testis and to a lower extent in heart, liver and small intestine. Expressed in the lens, cornea and retina. Strongly expressed in the distal tips of the retinal neuroepithelium that form the iris and ciliary body.</p> <p>Background: GRIP1-associated protein 1 is a protein that in humans is encoded by the GRIPAP1 gene. This gene encodes a guanine nucleotide exchange factor for the Ras family of small G proteins (RasGEF). The encoded protein interacts in a complex with glutamate receptor interacting protein 1 (GRIP1) and plays a role in the regulation of AMPA receptor function.</p>
Molecular Weight:	96 kDa
Gene ID:	56850
UniProt:	Q4V328
Pathways:	SARS-CoV-2 Protein Interactome

Application Details

Application Notes:	<p>Western blot, 0.1-0.25 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. Gross, M. B. Personal Communication. Baltimore, Md. 2/17/2015. 2. Hirose, M., Nagase, T., Ishikawa, K., Kikuno, R., Nomura, N., Ohara, O. Characterization of cDNA clones selected by the GeneMark analysis from size-fractionated cDNA libraries from human brain. DNA Res. 6: 329-336, 1999. 3. Stinton, L. M., Selak, S., Fritzler, M. J. Identification of GRASP-1 as a novel 97 kDa autoantigen localized to endosomes. Clin. Immun. 116: 108-117, 2005.</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

Handling

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.