

Datasheet for ABIN7602283
anti-RPE antibody (AA 68-110)



[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	RPE
Binding Specificity:	AA 68-110
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RPE antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Flow Cytometry (FACS)

Product Details

Purpose:	Anti-RPE Antibody Picoband®
Immunogen:	E.coli-derived human RPE recombinant protein (Position: D68-E110). Human RPE shares 97.7% amino acid (aa) sequence identity mouse RPE.
Isotype:	IgG
Cross-Reactivity (Details):	No cross reactivity with other proteins.
Characteristics:	Anti-RPE Antibody Picoband® (ABIN7600787). Tested in WB, Flow Cytometry, ELISA applications. This antibody reacts with Human, Mouse. 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:	RPE
Alternative Name:	RPE (RPE 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: Ribulose-phosphate 3-epimerase is an enzyme that in humans is encoded by the RPE gene. RPE catalyzes the reversible epimerization of D-ribulose 5- phosphate to D-xylulose 5-phosphate. This gene is belongs to the ribulose-phosphate 3-epimerase family. 2 isoforms of the human protein are produced by alternative splicing.
Molecular Weight:	30 kDa
Gene ID:	6120

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Mouse Flow Cytometry (Fixed), 1-3 µg/1×10⁶ cells, Human ELISA, 0.1-0.5 µg/mL, - 1. Dallapiccola, B., Novelli, G., Giannotti, A. Deletion 2q31.3-2q33.3: gene dosage effect of ribulose 5-phosphate 3-epimerase. Hum. Genet. 79: 92 only, 1988. 2. Donald, L. J., Wang, H. S., Hamerton, J. L. Assignment of the gene for ribulose-5-phosphate 3-epimerase (RPE) to human chromosome 2. (Abstract) Cytogenet. Cell Genet. 32: 268 only, 1982. 3. Donald, L. J., Wang, H. S., Hamerton, J. L. A ribulose-5-phosphate-3-epimerase (RPE) locus is on human chromosome 2. Cytogenet. Cell Genet. 33: 261-263, 1982.
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.