

Datasheet for ABIN7602395
anti-RREB1 antibody (AA 732-1559)



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Overview

Quantity:	100 µg
Target:	RREB1
Binding Specificity:	AA 732-1559
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RREB1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS)

Product Details

Purpose:	Anti-RREB1 Antibody Picoband®
Immunogen:	E.coli-derived human RREB1 recombinant protein (Position: K732-Q1559).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-RREB1 Antibody Picoband® (ABIN7602395). Tested in ELISA, Flow Cytometry, WB 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:	RREB1
Alternative Name:	RREB1 (RREB1 Products)
Background:	<p>Synonyms: Fructose-bisphosphate aldolase B, Liver-type aldolase, ALDOB, ALDB</p> <p>Tissue Specificity: Pancreas-specific (at protein level). Loss of expression is seen in ductal type pancreas cancers.</p> <p>Background: Ras-responsive element-binding protein 1 is a protein that in humans is encoded by the RREB1 gene. The protein encoded by this gene is a zinc finger transcription factor that binds to RAS-responsive elements (RREs) of gene promoters. It has been shown that the calcitonin gene promoter contains an RRE and that the encoded protein binds there and increases expression of calcitonin, which may be involved in Ras/Raf-mediated cell differentiation. Multiple transcript variants encoding several different isoforms have been found for this gene.</p>
Molecular Weight:	160 kDa
Gene ID:	6239
UniProt:	Q92766

Application Details

Application Notes:	<p>Western blot, 0.25-0.5 µg/mL, Human</p> <p>Flow Cytometry (Fixed), 1-3 µg/1×10⁶ cells, Human</p> <p>ELISA, 0.1-0.5 µg/mL, -</p> <p>1. Carson, E. B., McMahon, M., Baylin, S. B., Nelkin, B. D. Ret gene silencing is associated with Raf-1-induced medullary thyroid carcinoma cell differentiation. Cancer Res. 55: 2048-2052, 1995. 2. Flajollet, S., Poras, I., Carosella, E. D., Moreau, P. RREB-1 is a transcriptional repressor of HLA-G. J. Immun. 183: 6948-6959, 2009. 3. Kent, O. A., Saha, M., Coyaoud, E., Burston, H. E., Law, N., Dadson, K., Chen, S., Laurent, E. M., St-Germain, J., Sun, R. X., Matsumoto, Y., Cowen, J., and 10 others. Haploinsufficiency of RREB1 causes a Noonan-like RASopathy via epigenetic reprogramming of RAS-MAPK pathway genes. Nature Commun. 11: 4673, 2020.</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.

Handling

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.