Datasheet for ABIN7600360

anti-ABR antibody (AA 180-859)

Go to Product page

Overview

Quantity:	100 µg
Target:	ABR
Binding Specificity:	AA 180-859
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ABR antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunofluorescence (IF), Flow Cytometry (FACS)

Product Details

Purpose:	Anti-ABR Antibody Picoband®
Immunogen:	E.coli-derived human ABR recombinant protein (Position: Q180-V859). Human ABR shares 99.3% amino acid (aa) sequence identity with both mouse and rat ABR.
Characteristics:	Anti-ABR Antibody Picoband® (ABIN7600360). Tested in WB, IHC, ICC/IF, Flow Cytometry, ELISA 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:	ABR
Alternative Name:	ABR (ABR Products)
Background:	This gene encodes a protein that is similar to the protein encoded by the breakpoint cluster region gene located on chromosome 22. The protein encoded by this gene contains a GTPase-activating protein domain, a domain found in members of the Rho family of GTP-binding proteins. Functional studies in mice determined that this protein plays a role in vestibular morphogenesis. Alternatively spliced transcript variants have been reported for this gene.
Molecular Weight:	100 kDa
Gene ID:	29
UniProt:	Q12979
Pathways:	Neurotrophin Signaling Pathway, Regulation of Leukocyte Mediated Immunity

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Mouse, Rat Immunohistochemistry, 2-5 µg/mL, Human, Rat Immunocytochemistry/Immunofluorescence, 5 µg/mL, Human Flow Cytometry (Fixed), 1-3 µg/1x10^6 cells, Human ELISA, 0.1-0.5 µg/mL, - 1. Heisterkamp, N., Kaartinen, V., van Soest, S., Bokoch, G. M., Groffen, J. Human ABR encodes a protein with GAP-rac activity and homology to the DBL nucleotide exchange factor domain. J. Biol. Chem. 268: 16903-16906, 1993. 2. Heisterkamp, N., Morris, C., Groffen, J. ABR, an active BCR-related gene. Nucleic Acids Res. 17: 8821-8831, 1989. 3. McDonald, J. D., Daneshvar, L., Willert, J. R., Matsumura, K., Waldman, F., Cogen, P. H. Physical mapping of chromosome 17p13.3 in the region of a putative tumor suppressor gene important in medulloblastoma. Genomics 23: 229-232, 1994.
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 Na2HPO4.
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.