



Datasheet for ABIN2857024
anti-ABR antibody (C-Term)



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3 Images

Overview

Quantity:	100 µL
Target:	ABR
Binding Specificity:	C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ABR antibody is un-conjugated
Application:	Western Blotting (WB), Immunocytochemistry (ICC), Immunofluorescence (IF)

Product Details

Immunogen:	Carrier-protein conjugated synthetic peptide encompassing a sequence within the C-terminus region of human ABR. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Rat (Rattus), Pig (Porcine), Cow (Bovine)
Cross-Reactivity (Details):	Rat (100 %), Pig (100 %), Bovine (100 %)
Characteristics:	Rabbit Polyclonal antibody to ABR (active BCR-related gene) ABR antibody [C3], C-term
Purification:	Purified by antigen-affinity chromatography.

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, suggesting that Rho-related GTPases help coordinate motor skills and balance. Alternatively spliced transcript variants that encode different isoforms have been reported for this gene.
Molecular Weight:	98 kDa
Gene ID:	29
Pathways:	Neurotrophin Signaling Pathway , Regulation of Leukocyte Mediated Immunity

Application Details

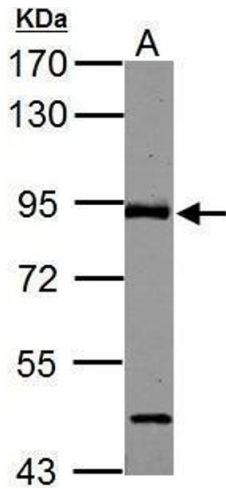
Application Notes:	Suggested dilution Reference ICC/IF 1:100-1:1000* Western blot 1:500-1:3000* Not tested in other applications. *Optimal dilutions/concentrations should be determined by the researcher.Suggested dilutionReferenceICC/IF1:100-1:1000* Western blot1:500-1:3000*
Comment:	Positive Control: A431 , mouse brain
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	1XPBS, 1 % BSA, 20 % Glycerol (pH 7). 0.01 % Thimerosal was added as a preservative.
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Keep as concentrated solution. Aliquot and store at -20°C or below. Avoid multiple freeze-thaw

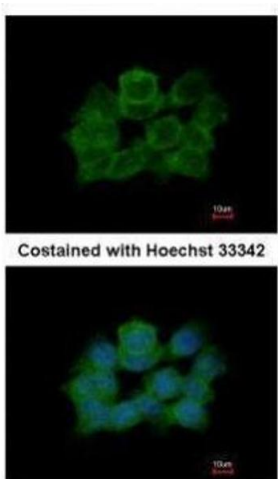
cycles.

Validation report #101924 for Immunofluorescence (IF)



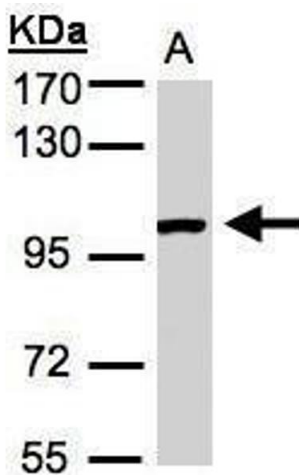
Western Blotting

Image 1. WB Image ABR antibody [C3], C-term detects ABR protein by Western blot analysis. A. 50 µg mouse brain lysate/extract 7.5 % SDS-PAGE ABR antibody [C3], C-term , dilution: 1:1000



Immunofluorescence

Image 2. ICC/IF Image Immunofluorescence analysis of paraformaldehyde-fixed A431, using ABR, antibody at 1:500 dilution.



Western Blotting

Image 3. WB Image Sample (30µg whole cell lysate) A:A431, 7.5% SDS PAGE antibody diluted at 1:1000