

Datasheet for ABIN4886413
anti-ABR antibody (Middle Region)

4 Images

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Overview

Quantity:	100 µg
Target:	ABR
Binding Specificity:	AA 370-407, Middle Region
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Purpose:	Rabbit IgG polyclonal antibody for Active breakpoint cluster region-related protein(ABR) detection. Tested with WB, IHC-P in Human,Mouse,Rat.
Immunogen:	A synthetic peptide corresponding to a sequence in the middle region of human ABR (370-407aa HPFPDHELEDMMKMISALKSEIQKEKANKGQSRAIERL), different from the related mouse sequence by one amino acid.
Sequence:	HPFPDHELED MKMKISALKS EIQKEKANKG QSRAIERL
Isotype:	IgG
Cross-Reactivity (Details):	No cross reactivity with other proteins.
Characteristics:	<p>Rabbit IgG polyclonal antibody for Active breakpoint cluster region-related protein(ABR) detection. Tested with WB, IHC-P in Human,Mouse,Rat.</p> <p>Gene Name: active BCR-related</p> <p>Protein Name: Active breakpoint cluster region-related protein</p>

Product Details

Purification: Immunogen affinity purified.

Target Details

Target: ABR

Alternative Name: ABR ([ABR Products](#))

Background: This ABR 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.

Synonyms: abr | Active BCR related gene | MDB | Q12979

Gene ID: 29

UniProt: [Q12979](#)

Pathways: [Neurotrophin Signaling Pathway](#), [Regulation of Leukocyte Mediated Immunity](#)

Application Details

Application Notes: WB: Concentration: 0.1-0.5 µg/mL, Tested Species: Mouse, Rat, Predicted Species: Human
IHC-P: Concentration: 0.5-1 µg/mL, Tested Species: Human, Mouse, Rat, Epitope Retrieval by Heat: Boiling the paraffin sections in 10 mM citrate buffer, pH 6.0, for 20 mins is required for the staining of formalin/paraffin sections.
Notes: Tested Species: Species with positive results. Predicted Species: Species predicted to be fit for the product based on sequence similarities. Other applications have not been tested.
Optimal dilutions should be determined by end users.

Comment: Antibody can be supported by chemiluminescence kit ABIN921124 in WB, supported by ABIN921231 in IHC(P).

Restrictions: For Research Use only

Handling

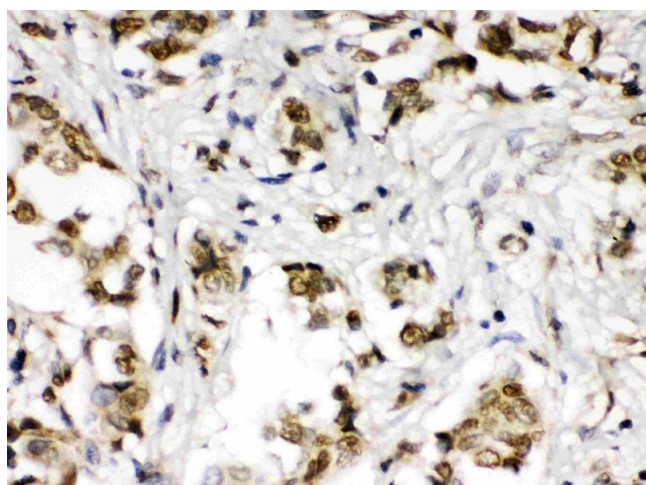
Format: Lyophilized

Reconstitution: Add 0.2 mL of distilled water will yield a concentration of 500 µg/mL.

Handling

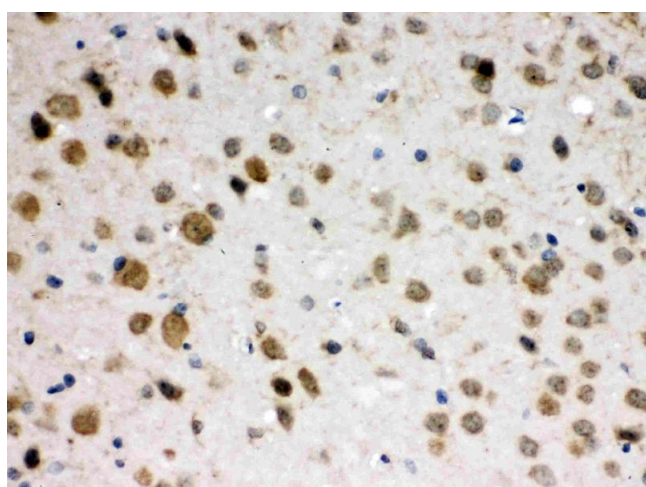
Concentration:	500 µg/mL
Buffer:	Each vial contains 5 mg BSA, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ , 0.05 mg Sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20 °C for a longer time. Avoid repeated freezing and thawing.

Images



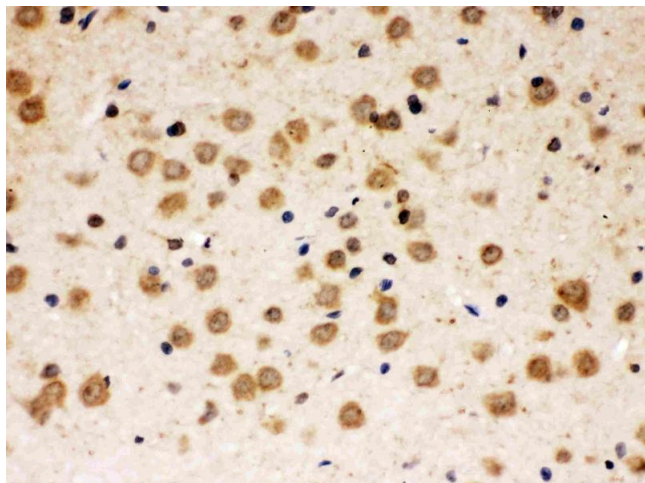
Immunohistochemistry

Image 1. ABR was detected in paraffin-embedded sections of human mammary cancer tissues using rabbit anti- ABR Antigen Affinity purified polyclonal antibody (Catalog #) at 1 µg/mL. The immunohistochemical section was developed using SABC method (Catalog # SA1022).



Immunohistochemistry

Image 2. ABR was detected in paraffin-embedded sections of mouse brain tissues using rabbit anti- ABR Antigen Affinity purified polyclonal antibody (Catalog #) at 1 µg/mL. The immunohistochemical section was developed using SABC method (Catalog # SA1022).



Immunohistochemistry

Image 3. ABR was detected in paraffin-embedded sections of rat brain tissues using rabbit anti- ABR Antigen Affinity purified polyclonal antibody (Catalog #) at 1 µg/mL. The immunohistochemical section was developed using SABC method (Catalog # SA1022).

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN4886413.