

Product datasheet

Anti-CA8 antibody ab54916

1 Image

Overview

Product name	Anti-CA8 antibody
Description	Mouse monoclonal to CA8
Host species	Mouse
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Human
Immunogen	Recombinant fragment: VFPDANGEYQ SPINLNSREA RYDPSLLDVR LSPNYVVCRD CEVTNDGHTI QVILKSKSVL SGGPLPQGHE FELYEVRFWH GRENQRGSEH TVNFKAFPME , corresponding to amino acids 40-140 of Human CA8 Run BLAST with ExPASy Run BLAST with NCBI

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Storage buffer	Preservative: None PBS, pH 7.2
Purity	Protein G purified
Clonality	Monoclonal
Isotype	IgG3
Light chain type	kappa

Applications

Our [Abpromise guarantee](#) covers the use of **ab54916** in the following tested applications.

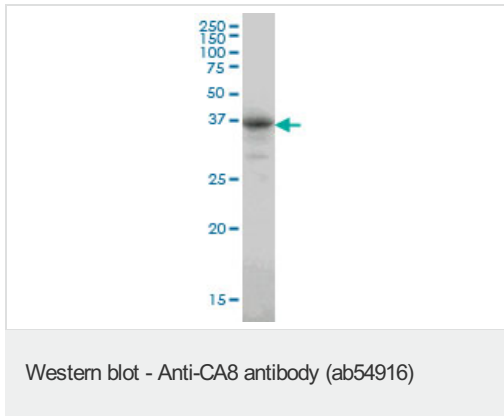
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 1 - 5 µg/ml. Predicted molecular weight: 33 kDa.

Target

Function	Does not have a carbonic anhydrase catalytic activity.
Involvement in disease	Defects in CA8 are the cause of cerebellar ataxia mental retardation and dysequilibrium syndrome type 3 (CMARQ3) [MIM:613227]. CMARQ3 is a congenital cerebellar ataxia associated with dysarthria, quadripedal gait and mild mental retardation.
Sequence similarities	Belongs to the alpha-carbonic anhydrase family.

Images



CA8 antibody (ab54916) at 1ug/lane + A-549 cell lysate at 25ug/lane.

Please note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors