

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.

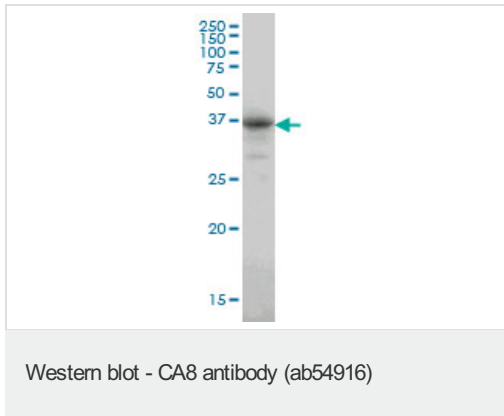
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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.

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