

Product datasheet

Anti-CA8 antibody ab54916

1 Image

Overview

<b>Product name</b>	Anti-CA8 antibody
<b>Description</b>	Mouse monoclonal to CA8
<b>Tested applications</b>	<b>Suitable for:</b> WB
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Recombinant fragment: VFPDANGEYQ SPINLNSREA RYDPSLLDVR LSPNYVVCRD CEVTNDGHTI QVILKSKSVL SGGPLPQGHE FELYEVRFW GRENQRGSEH TVNFKAFPME , corresponding to amino acids 40-140 of Human CA8 <a href="#">Run BLAST with ExPASy</a> <a href="#">Run BLAST with NCBI</a>

Properties

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

**Application notes** WB: Use at a concentration of 1-5 µg/ml.

Not yet tested in other applications.

Optimal dilutions/concentrations should be determined by the end user.

## Target

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### 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.

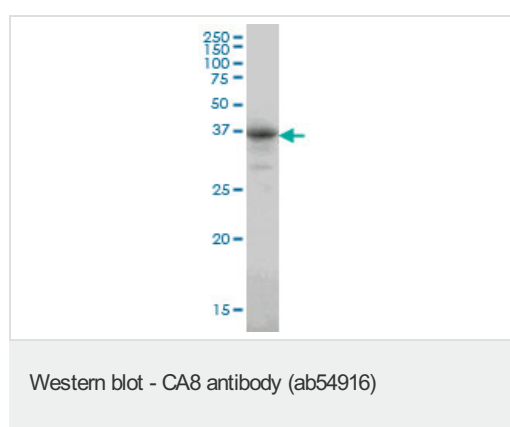
### Sequence similarities

Belongs to the alpha-carbonic anhydrase family.

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## Images

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**Predicted band size : 33 kDa**

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"

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