

Product datasheet

Anti-Cadherin like 23 antibody ab192498

Overview

Product name	Anti-Cadherin like 23 antibody
Description	Rabbit polyclonal to Cadherin like 23
Host species	Rabbit
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Mouse, Rat, Human
Immunogen	Recombinant fragment within Human Cadherin like 23 (C terminal). The exact sequence is proprietary. 250 aa of C-terminal Database link: Q9H251

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	Preservative: 0.1% Sodium azide Constituents: 49% PBS, 50% Glycerol
Purity	Immunogen affinity purified
Purification notes	ab192498 was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab192498** 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 at an assay dependent concentration. Predicted molecular weight: 369 kDa.

Target

Relevance

Cadherin like 23 (or Cadherin 23) is, like other members of the cadherin family, a calcium-dependent cell adhesion glycoprotein that preferentially interacts with itself in connecting cells. It is a single pass type I membrane protein that contains 27 cadherin domains. Cadherin like 23 is expressed in the neurosensory epithelium, where it is thought to be involved in stereocilia organisation and hair bundle formation. Defects in the gene encoding Cadherin like 23 are a cause of Usher syndrome, which is characterised by profound congenital sensorineural deafness and eventual blindness. Mutations in this gene are also a cause of non-syndromic sensorineural deafness autosomal recessive type 12 (DFNB12). Cadherin like 23 has also been associated with age-related hearing loss.

Cellular localization

Cell membrane; Single-pass type I membrane protein

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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