



Datasheet for ABIN7299884
anti-CDH23 antibody (N-Term)



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3 Images

Overview

Quantity:	100 µL
Target:	CDH23
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CDH23 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunochromatography (IC)

Product Details

Immunogen:	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human Cadherin 23.
Specificity:	Recognizes endogenous levels of Cadherin 23 protein.
Characteristics:	Rabbit polyclonal antibody to Cadherin 23
Purification:	The antibody was purified by immunogen affinity chromatography.

Target Details

Target:	CDH23
Alternative Name:	Cadherin 23 (CDH23 Products)

Target Details

Background: KIAA1774, KIAA1812, Cadherin-23, Otocadherin

Gene ID: 64072, 22295, 114102

UniProt: [Q9H251](#), [Q99PF4](#), [P58365](#)

Pathways: [Sensory Perception of Sound](#)

Application Details

Application Notes: WB (1:500 - 1:1000), IH (1:100 - 1:200), IF/IC (1:100 - 1:500)

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % sodium azide.

Preservative: Sodium azide

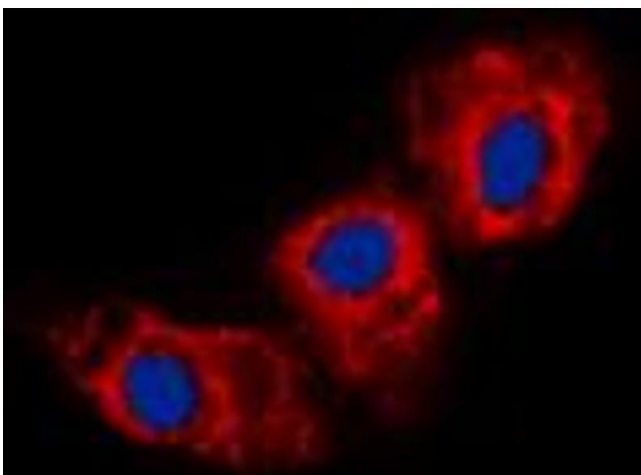
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.

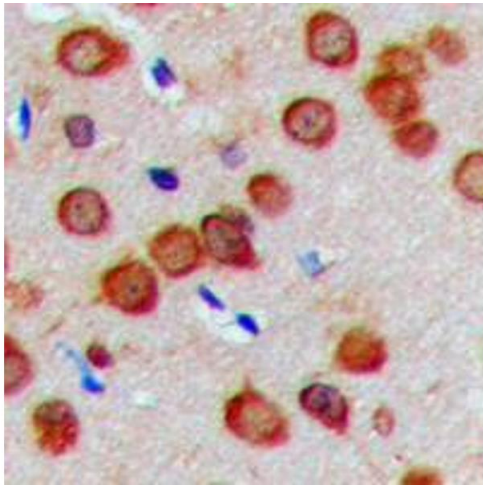
Expiry Date: 12 months

Images



Immunofluorescence

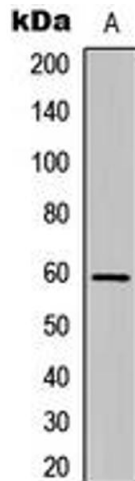
Image 1. Immunofluorescent analysis of Cadherin 23 staining in HEK293T cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary



antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).

Immunohistochemistry

Image 2. Immunohistochemical analysis of Cadherin 23 staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Western Blotting

Image 3. Western blot analysis of Cadherin 23 expression in HEK293T (A) whole cell lysates.