

Datasheet for ABIN335127
anti-CDH23 antibody (Internal Region)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µg
Target:	CDH23
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This CDH23 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	CDH23 / USH1D
Immunogen:	C-YNISLYENVTVGTS
Sequence:	YNISLYENVTVGTS
Isotype:	IgG
Specificity:	This antibody is expected to recognize both reported isoforms (NP_071407.3, NP_443068.1).
Cross-Reactivity:	Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

Target:	CDH23
Alternative Name:	CDH23 (CDH23 Products)
Background:	CDH23, USH1D, cadherin-like 23, DFNB12, DKFZp434P2350, FLJ00233, FLJ36499, KIAA1774, KIAA1812, MGC102761, USH1H, OTTHUMP00000044780, cadherin 23, cadherin related 23, cadherin-23, otocadherin
Gene ID:	64072
NCBI Accession:	NP_071407 , NP_443068
Pathways:	Sensory Perception of Sound

Application Details

Application Notes:	Western Blot: Approx 60 kDa band observed in Human Brain (Amygdala and Frontal Cortex lysates (calculated MW of 58.6 kDa according to NP_443068.1). Recommended concentration: 1-3 µg/mL. Peptide ELISA: antibody detection limit dilution 1:1000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Western Blotting

Image 1. ABIN335127 (1µg/ml) staining of Human Amygdala lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.