Datasheet for ABIN1881190

anti-CDH26 antibody (C-Term)

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Overview

Quantity:	400 µL
Target:	CDH26
Binding Specificity:	AA 818-846, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CDH26 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This CDH26 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 818-846 amino acids from the C-terminal region of human CDH26.
Clone:	RB41793
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	CDH26
Alternative Name:	CDH26 (CDH26 Products)
Background:	Cadherins are a family of adhesion molecules that mediate Ca2+-dependent cell-cell adhesion

Target Details

	in all solid tissues and modulate a wide variety of processes, including cell polarization and migration. Cadherin domains occur as repeats in the extracellular region and are thought to contribute to the sorting of heterogeneous cell types and the maintenance of orderly structures such as epithelium. This gene encodes a cadherin domain-containing protein whose specific function has not yet been determined. Alternative splicing occurs at this locus and two transcript variants, encoding distinct proteins, have been identified.
Molecular Weight:	92416
NCBI Accession:	NP_068582, NP_817089
UniProt:	Q8IXH8

Application Details

Application Notes:	WB: 1:1000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) 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:	4 °C,-20 °C
Expiry Date:	6 months

Publications

Product cited in:	Li, Dai, You: "N-heterocyclic carbene catalyzed ring expansion of formylcyclopropanes: synthesis of 3,4-dihydro-alpha-pyrone derivatives." in: **Organic letters**, Vol. 11, Issue 7, pp. 1623-5, (2009) (PubMed). Deloukas, Matthews, Ashurst, Burton, Gilbert, Jones, Stavrides, Almeida, Babbage, Bagguley, Bailey, Barlow, Bates, Beard, Beare, Beasley, Bird, Blakey, Bridgeman, Brown, Buck, Burrill, Butler, Carder et al.: "The DNA sequence and comparative analysis of human chromosome 20. ..." in:

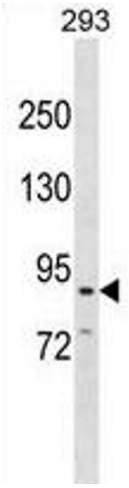
Publications

Nature, Vol. 414, Issue 6866, pp. 865-71, (2002) (PubMed).

Nollet, Kools, van Roy: "Phylogenetic analysis of the cadherin superfamily allows identification of six major subfamilies besides several solitary members." in: **Journal of molecular biology**, Vol. 299, Issue 3, pp. 551-72, (2000) (PubMed).

Hanna, Kruskal, Ezekowitz, Bloom, Collier: "Role of macrophage oxidative burst in the action of anthrax lethal toxin." in: **Molecular medicine (Cambridge, Mass.)**, Vol. 1, Issue 1, pp. 7-18, (1996) (PubMed).

Images



Western Blotting

Image 1. CDH26 Antibody (C-term) (ABIN1881190 and ABIN2838866) western blot analysis in 293 cell line lysates (35 µg/lane).This demonstrates the CDH26 antibody detected the CDH26 protein (arrow).