

Product datasheet

Anti-PCDH7 antibody [OTI2G6] ab139274

★★★★★ 1 Abreviews 8 References 4 Images

Overview

Product name	Anti-PCDH7 antibody [OTI2G6]
Description	Mouse monoclonal [OTI2G6] to PCDH7
Host species	Mouse
Tested applications	Suitable for: WB, IHC-P, ICC/IF
Species reactivity	Reacts with: Mouse, Rat, Dog, Human, African green monkey
Immunogen	Recombinant full length Human PCDH7 (amino acids 1-1247) produced in HEK293T cells (NP_115833). Run BLAST with ExPASy Run BLAST with NCBI
Positive control	HEK293T cell lysate transfected with pCMV6-ENTRY PCDH7; HepG2, HeLa, SVT2, COS7, MDCK and MCF7 cell extracts; Human endometrium tissue; COS7 cells transiently transfected with pCMV6-ENTRY PCDH7
General notes	The clone number has been updated from 2G6 to OTI2G6, both clone numbers name the same clone. Dilute in PBS (pH7.3) before use.

The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.

If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
Storage buffer	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: PBS, 50% Glycerol, 1% BSA
Purity	Protein G purified

Purification notes	Purified from TCS
Clonality	Monoclonal
Clone number	OT12G6
Isotype	IgG1

Applications

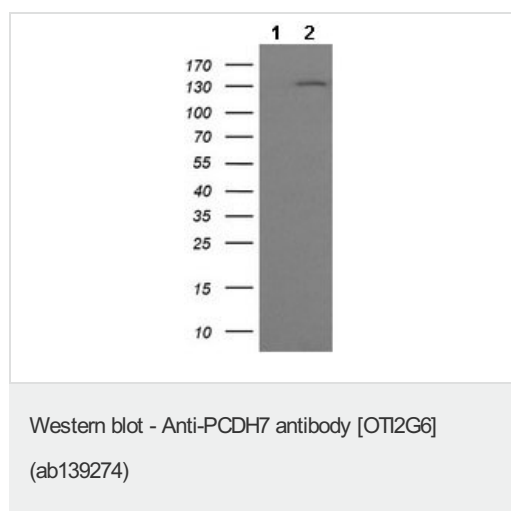
The Abpromise guarantee Our [Abpromise guarantee](#) covers the use of ab139274 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB	★★★★★ (1)	1/200 - 1/2000. Predicted molecular weight: 116 kDa.
IHC-P		1/150.
ICC/IF		1/100.

Target

Tissue specificity	Expressed predominantly in brain and heart and at lower levels in various other tissues.
Sequence similarities	Contains 7 cadherin domains.
Post-translational modifications	Isoform C is phosphorylated upon DNA damage, probably by ATM or ATR.
Cellular localization	Cell membrane.

Images



All lanes : Anti-PCDH7 antibody [OT12G6] (ab139274) at 1/200 dilution

Lane 1 : HEK293T cell lysate transfected with pCMV6-ENTRY control

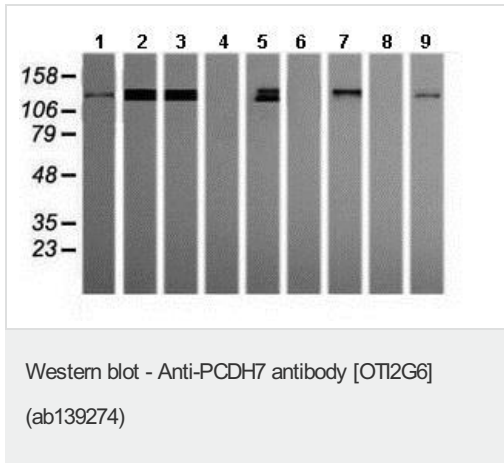
Lane 2 : HEK293T cell lysate transfected with pCMV6-ENTRY PCDH7

Lysates/proteins at 5 µg per lane.

Predicted band size: 116 kDa

HEK293T cell lysates were generated from transient transfection of

the cDNA clone (RC206769)



All lanes : Anti-PCDH7 antibody [OT12G6] (ab139274) at 1/200 dilution

Lane 1 : HepG2 cell extract

Lane 2 : HeLa cell extract

Lane 3 : SVT2 cell extract

Lane 4 : A549 cell extract

Lane 5 : COS7 cell extract

Lane 6 : Jurkat cell extract

Lane 7 : MDCK cell extract

Lane 8 : PC12 cell extract

Lane 9 : MCF7 cell extract

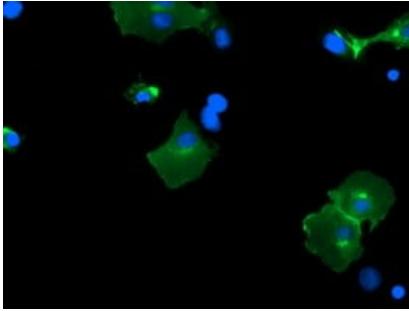
Lysates/proteins at 35 µg per lane.

Predicted band size: 116 kDa

HEK293T cell lysates were generated from transient transfection of the cDNA clone (RC206740)



Immunohistochemical analysis of paraffin-embedded Human endometrium tissue labelling PCDH7 with ab139274 at 1/150 dilution.



Immunofluorescent analysis of COS7 cells transiently transfected with pCMV6-ENTRY PCDH7 using ab139274 at 1/100 dilution.

Immunocytochemistry/ Immunofluorescence - Anti-PCDH7 antibody [OTI2G6] (ab139274)

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

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