

Datasheet for ABIN514253

anti-E-cadherin antibody (AA 1-882)

2 Images

2 Publications



[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	E-cadherin (CDH1)
Binding Specificity:	AA 1-882
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This E-cadherin antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	Rabbit polyclonal antibody raised against a full-length human CDH1 protein.
Immunogen:	CDH1 (ENSP00000261769, 1 a.a. ~ 882 a.a) full-length human protein.
Sequence:	MGPWSRSLSA LLLLLQVSSW LCQEPEPCHP GFDAESYTFT VPRRHLEGR VLGRVNFEDC TGRQRTAYFS LDTRFKVGTG GVITVKRPLR FHNPQIHFLV YAWDSTYRKF STKVTLNVTG HHHRPPPHQA SVSGIQAEEL TFPNSSPGLR RQKRDWVIPP ISCPENEKGP FPKNLVQIKS NKDEKGVFY SITGQGADTP PVGVFIERE TGWLKVTEPL DRERIATYTL FSHAVSSNGN AVEDPMEILI TVTDQNDNKP EFTQEVFKGS VMEGALPGTS VMEVTATDAD DDVNTYNAAI AYTILSQDPE LPDKNMFTIN RNTGVISVVT TGLDRESFPT YTLVVQAADL QGEGLSTTAT AVITVTDND NPPIFNPTTY KGQVPENAN WVITTLKVTG ADAPNTPAWE AVYTILNDDG GQFVTTNPV NNDGILKTAK GLDFEAKQQY ILHVAVTNVV PFEVSLTTST ATVTVDVLDV NEAPIFVPE KRVEVSEDFG VGQEITSYTA QEPDTFMEQK ITYRIWRDTA NWLEINPDTG AISTRAELDR EDFEHVKNST YTALIIATDN GSPVATGTGT LLLILSDVND NAPIPEPTI

Product Details

FFCERNPKPQ VINIIDADLP PNTSPFTAEL THGASANWTI QYNDPTQESI ILKPKMALEV
GDYKINLKLM DNQNKDQVTT LEVSVCDCEG AAGVCRKAQP VEAGLQIPAI LGILGGILAL
LILLLLLLLF LRRRAVVKEP LLPPEDDTRD NVYYYDEEGG GEEDQDFDLS QLHRGLDARP
EVTRNDVAPT LMSVPRYLPR PANPDEIGNF IDENLKAADT DPTAPPYDSL LVFDYEGSGS
EAASLSSLNS SESDKDQDYD YLNEWGNRFK KLADMYGGGE DD

Cross-Reactivity:	Human, Mouse
Characteristics:	Antibody reactive against mammalian tissue lysate.

Target Details

Target:	E-cadherin (CDH1)
Alternative Name:	CDH1 (CDH1 Products)
Background:	Full Gene Name: cadherin 1, type 1, E-cadherin (epithelial) Synonyms: Arc-1,CD324,CDHE,ECAD,LCAM,UVO
Gene ID:	999
NCBI Accession:	NM_004360
Pathways:	WNT Signaling , Sensory Perception of Sound , Cell-Cell Junction Organization , Tube Formation

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

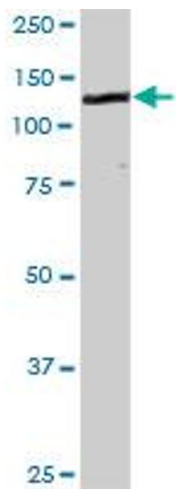
Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Publications

Product cited in:	Yang, Zhang, Zhou, Jiang, Shen: "Transcription factor Snai1-1 induces osteosarcoma invasion and metastasis by inhibiting E-cadherin expression." in: Oncology letters , Vol. 8, Issue 1, pp.
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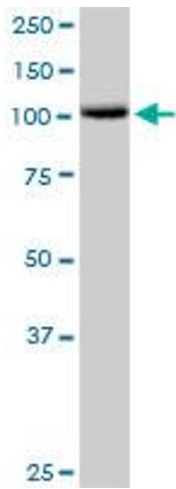
193-197, (2014) ([PubMed](#)).

Wen, Chen, Chen, Chuang, Yang, Chow: "Development of an AlphaLISA assay to quantify serum core-fucosylated E-cadherin as a metastatic lung adenocarcinoma biomarker." in: **Journal of proteomics**, Vol. 75, Issue 13, pp. 3963-76, (2012) ([PubMed](#)).



Western Blotting

Image 1. CDH1 MaxPab rabbit polyclonal antibody. Western Blot analysis of CDH1 expression in human pancreas.



Western Blotting

Image 2. CDH1 MaxPab rabbit polyclonal antibody. Western Blot analysis of CDH1 expression in mouse lung.