Datasheet for ABIN7430402

anti-E-cadherin antibody (AA 784-870)

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Overview

Quantity:	100 µL
Target:	E-cadherin (CDH1)
Binding Specificity:	AA 784-870
Reactivity:	Chicken
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This E-cadherin antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to E-cadherin
Immunogen:	Recombinant E-cadherin corresdonding to Pro784~Gly870 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against E-cadherin. It has been selected for its ability to recognize E-cadherin in immunohistochemical staining and western blotting.
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

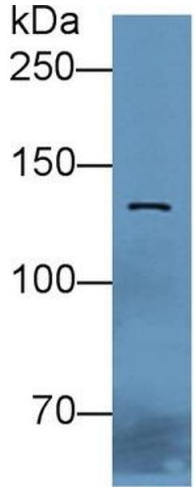
Target:	E-cadherin (CDH1)
Alternative Name:	E-cadherin (CDH1 Products)
Background:	CDHE, CD324, CDH1, Arc1, ECAD, CDH-E, E-CAD, LCAM, UVO, Cadherin 1 Type 1, Uvomorulin, E-Cadherin, Calcium-Dependent Adhesion Protein, Epithelial, Liver Cell Adhesion Molecule
UniProt:	P08641
Pathways:	WNT Signaling, Sensory Perception of Sound, Cell-Cell Junction Organization, Tube Formation

Application Details

Application Notes:	Western blotting: 0.01-3 µg/mL,Immunohistochemistry: 5-30 µg/mL,Immunocytochemistry: 5-30 µg/mL,Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

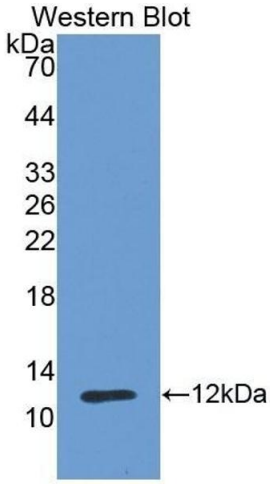
Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
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
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



Western Blotting

Image 1. Detection of 0 in Rat Liver lysate using Polyclonal Antibody to E-cadherin



Western Blotting

Image 2. Detection of Recombinant CDHE, Gallus using Polyclonal Antibody to E-cadherin

