

Polyclonal Antibody to CD324 / Cadherin-1 - Aff - Purified

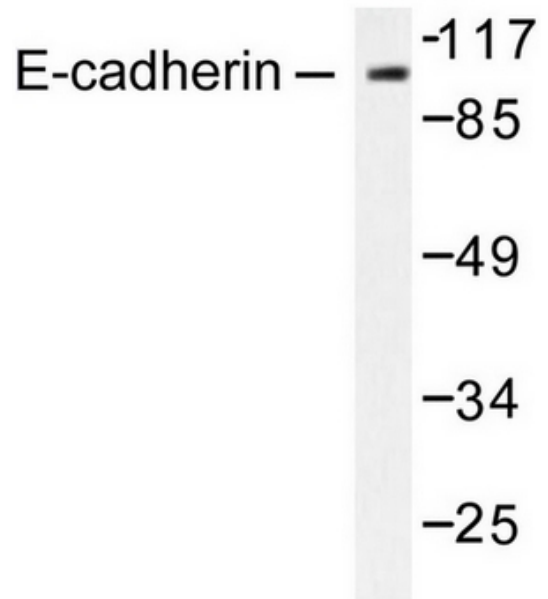
Alternate names:	CAM 120/80, CDH1, CDHE, E-cadherin, Epithelial cadherin, UVO, Uvomorulin
Catalog No.:	AP06093PU-N
Quantity:	0.1 mg
Concentration:	1.0 mg/ml
Background:	Cadherins comprise a family of Ca ⁺⁺ -dependent adhesion molecules that function to mediate cell-cell binding critical to the maintenance of tissue structure and morphogenesis. The classical cadherins, E-, N- and P-cadherin, consist of large extracellular domains characterized by a series of five homologous NH2 terminal repeats. The most distal of these cadherins is thought to be responsible for binding specificity, transmembrane domains and carboxyterminal intracellular domains. The relatively short intracellular domains interact with a variety of cytoplasmic proteins, such as beta-Catenin, to regulate cadherin function. Members of this family of adhesion proteins include rat cadherin K (and its human homolog, cadherin-6), R-cadherin, B-cadherin, E/P- cadherin and cadherin-5.
Uniprot ID:	P12830
NCBI:	NP_004351.1
GeneID:	999
Host:	Rabbit
Format:	State: Liquid purified Ig fraction (> 95% pure by SDS-PAGE). Purification: Affinity chromatography using epitope-specific immunogen. Buffer System: Phosphate buffered saline (PBS) with 0.05% Sodium azide, approx. pH 7.2.
Applications:	ELISA: 1/40000-1/60000. Western blot: 1/500-1/1000. Immunohistochemistry on Paraffin sections: 1/50-1/200. Immunofluorescence: 1/50-1/200. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Molecular Weight:	~100 kDa
Specificity:	This antibody detects endogenous levels of CD324 / Cadherin-1 protein (region surrounding Gly2). Species: Human. Other species not tested.

For research and in vitro use only. Not for diagnostic or therapeutic work.
Material Safety Datasheets are available at www.acris-antibodies.com or on request.

Antibody Hotline - Technical Questions - Antibody Location Service
Free Call: 0800-2274746 (Germany only) - www.acris-antibodies.com

Storage: Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer.
Avoid repeated freezing and thawing.
Shelf life: One year from despatch.

Pictures: Western blot analysis
in extracts from 293 cells using CD324 /
Cadherin-1 antibody Cat.-No. AP06093PU-
N.



Immunohistochemical analysis
in paraffin-embedded human breast
carcinoma tissue using CD324 /
Cadherin-1 antibody Cat.-No. AP06093PU-
N.

