

35-1702: Polyclonal Antibody to E-Cadherin(CD324)

Clonality :	Polyclonal
Application :	WB
Reactivity :	Human,Mouse,Rat
Gene :	CDH1
Gene ID :	999
Uniprot ID :	P12830
Format :	Purified
Alternative Name :	CDH1, CDHE, UVO
Isotype :	Rabbit IgG
Immunogen Information :	Peptide sequence around aa.864~868(E-W-G-N-R) derived from Human E-Cadherin.

Description

Cadherins are calcium-dependent cell adhesion proteins. They preferentially interact with themselves in a homophilic manner in connecting cells; cadherins may thus contribute to the sorting of heterogeneous cell types. CDH1 is involved in mechanisms regulating cell-cell adhesions, mobility and proliferation of epithelial cells. Has a potent invasive suppressor role. It is a ligand for integrin α -E/ β -7. E-Cad/CTF2 promotes non-amyloidogenic degradation of Abeta precursors. Has a strong inhibitory effect on APP C99 and C83 production.

Product Info

Amount :	50 μ l / 100 μ l
Content :	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg^{2+} and Ca^{2+}), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage condition :	Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

Application Note

Predicted MW: 135kd, Western blotting: 1:500~1:1000

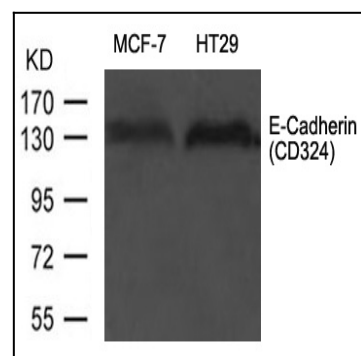


Figure 1: Western blot analysis of extract from MCF-7 and HT29 cells using E-Cadherin(CD324) Antibody 35-1702