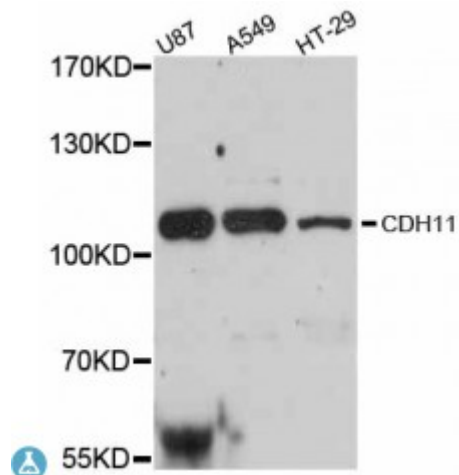


Anti-CDH11 Antibody



Description

This gene encodes a type II classical cadherin from the cadherin superfamily, integral membrane proteins that mediate calcium-dependent cell-cell adhesion. Mature cadherin proteins are composed of a large N-terminal extracellular domain, a single membrane-spanning domain, and a small, highly conserved C-terminal cytoplasmic domain. Type II (atypical) cadherins are defined based on their lack of a HAV cell adhesion recognition sequence specific to type I cadherins. Expression of this particular cadherin in osteoblastic cell lines, and its upregulation during differentiation, suggests a specific function in bone development and maintenance.

Model	STJ114069
Host	Rabbit
Reactivity	Human
Applications	WB
Immunogen	Recombinant protein of human CDH11
Gene ID	1009
Gene Symbol	CDH11
Dilution range	WB 1:500 - 1:1000
Tissue Specificity	Expressed mainly in brain but also found in other tissues, Expressed in neuroblasts
Purification	Affinity purification
Note	For Research Use Only (RUO).

Protein Name	Cadherin-11 OSF-4 Osteoblast cadherin OB-cadherin
Molecular Weight	87.965 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:1750 OMIM:600023 Reactome:R-HSA-418990
Alternative Names	Cadherin-11 OSF-4 Osteoblast cadherin OB-cadherin
Function	Cadherins are calcium-dependent cell adhesion proteins, They preferentially interact with themselves in a homophilic manner in connecting cells
Cellular Localization	Cell membrane

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