

Immunotag™ CDH2 Antibody

Antibody Specification	
Catalog No.	ITA1412
Product Description	Immunotag™ CDH2 Antibody
Size	100 µg, 200 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	CDH2
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IF/ICC,ELISA
Recommended Dilution	WB 1:500-1:2000, IF/ICC 1:100-1:500
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human CDH2
Specificity	CDH2 Antibody detects endogenous levels of total CDH2
Purification	The antiserum was purified by peptide affinity chromatography.
Form	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt
Gene Name	CDH2
Accession No.	P19022
Alternate Names	CADH2_HUMAN; Cadherin 2; Cadherin 2 N cadherin neuronal; Cadherin 2 type 1; Cadherin 2 type 1 N cadherin neuronal; Cadherin 2, type 1, N-cadherin (neuronal); Cadherin-2; Cadherin2; Calcium dependent adhesion protein neuronal; CD325; CD325 antigen; CDH2; CDHN; CDw325; CDw325 antigen; N cadherin 1; N-cadherin; NCAD; Neural cadherin; OTTHUMP00000066304; OTTHUMP00000067378;

Antibody Specification

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. Acts as a regulator of neural stem cells quiescence by mediating anchorage of neural stem cells to ependymocytes in the adult subependymal zone: upon cleavage by MMP24, CDH2-mediated anchorage is affected, leading to modulate neural stem cell quiescence. CDH2 may be involved in neuronal recognition mechanism. In hippocampal neurons, may regulate dendritic spine density (By similarity).
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	100kd
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.