

ARG55080 anti-Cadherin 20 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes Cadherin 20
Tested Reactivity	Hu
Predict Reactivity	Ms, Rat
Tested Application	FACS, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	Cadherin 20
Species	Human
Immunogen	KLH-conjugated synthetic peptide corresponding to aa. 111-140 (N-terminus) of Human Cadherin 20.
Conjugation	Un-conjugated
Alternate Names	CDH7L3; Cadherin-20; Cdh7

Application Instructions

Application table	Application	Dilution
	FACS	1:10 - 1:50
	IHC-P	Assay-dependent
	WB	1:1000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	HepG2	

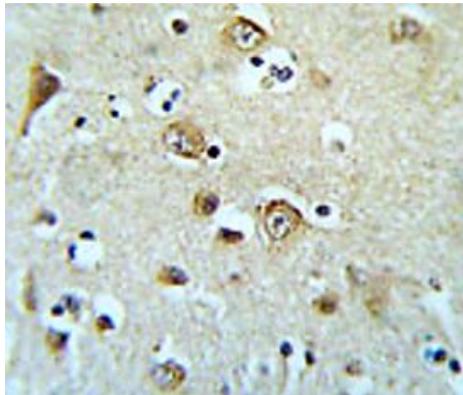
Properties

Form	Liquid
Purification	Purification with Protein A and immunogen peptide.
Buffer	PBS and 0.09% (W/V) Sodium azide
Preservative	0.09% (W/V) Sodium azide
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

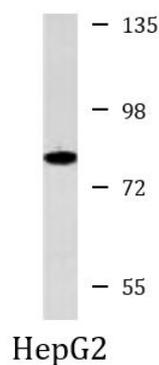
Database links	GeneID: 28316 Human Swiss-port # Q9HBT6 Human
Gene Symbol	CDH20
Gene Full Name	cadherin 20, type 2
Background	This gene is a type II classical cadherin from the cadherin superfamily and one of three cadherin 7-like genes located in a cluster on chromosome 18. The encoded membrane protein is a calcium dependent cell-cell adhesion glycoprotein comprised of five extracellular cadherin repeats, a transmembrane region and a highly conserved cytoplasmic tail. Type II (atypical) cadherins are defined based on their lack of a HAV cell adhesion recognition sequence specific to type I cadherins. Since disturbance of intracellular adhesion is a prerequisite for invasion and metastasis of tumor cells, cadherins are considered prime candidates for tumor suppressor genes. [provided by RefSeq, Jul 2008]
Function	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. [UniProt]
Research Area	Signaling Transduction antibody
Calculated Mw	89 kDa
Cellular Localization	Cell membrane; Single-pass type I membrane protein

Images



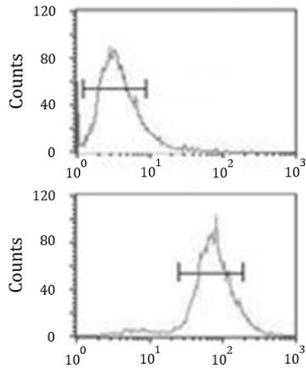
ARG55080 anti-Cadherin 20 antibody IHC-P image

Immunohistochemistry: Formalin-fixed and paraffin-embedded brain tissue stained with ARG55080 anti-Cadherin 20 antibody.



ARG55080 anti-Cadherin 20 antibody WB image

Western blot: 35 µg of HepG2 cell lysate stained with ARG55080 anti-Cadherin 20 antibody.



ARG55080 anti-Cadherin 20 antibody FACS image

Flow Cytometry: HepG2 cells stained with ARG55080 anti-Cadherin 20 antibody (bottom histogram) or without primary antibody control (top histogram), followed by incubation with FITC labelled secondary antibody.