

Rabbit anti-Human, Mouse VE-Cadherin Polyclonal Antibody | anti-CDH5 antibody

VE-Cadherin (Phospho-Tyr731) Antibody

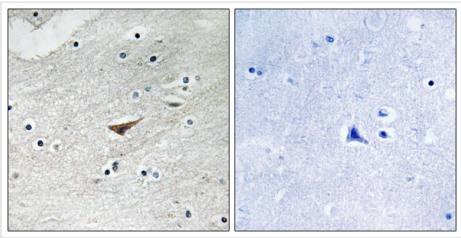
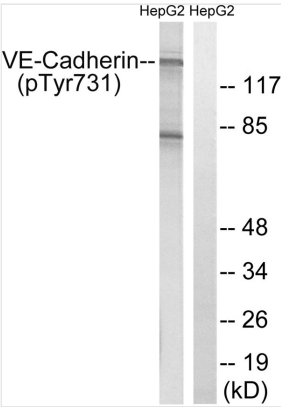
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA316637	Rabbit	Human, Mouse	ELISA, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

VE-Cadherin; Polyclonal Antibody; VE-Cadherin (Phospho-Tyr731) Antibody; 7B4 antigen; CADH5; Cadherin-5; CD144 antigen; Vascular endothelial-cadherin precursor; VE-cadherin; anti-CDH5 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	VE-Cadherin (Phospho-Tyr731) Antibody detects endogenous levels of VE-Cadherin only when phosphorylated at Tyr731.
Purity/Purification	Purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1 mg/ml (varies by lot)
Sequence Length	669
Applicable Applications for anti-CDH5 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Target Modification	Phospho
Modification Sites	H:Y731; M:Y731
Immunogen	The antiserum was produced against synthesized peptide derived from human VE-Cadherin around the phosphorylation site of Tyr731.
Immunogen Range	697-746
Preparation and Storage	Stable at -20 degree C for at least 1 year.



IHC (Immunohistochemistry)
Immunohistochemistry analysis of paraffin-embedded human brain, using VE-Cadherin (Phospho-Tyr731) Antibody. The picture on the right is blocked with the phospho peptide.

WB (Western Blot)
Western blot analysis of lysates from HepG2 cells treated with Na3VO4 0.3mM 40', using VE-Cadherin (Phospho-Tyr731) Antibody. The lane on the right is blocked with the phospho peptide.

NCBI AND UNIPROT INFORMATION

NCBI GI #	166362713
NCBI GeneID	1003
NCBI Accession #	NP_001786.2
NCBI GenBank Nucleotide #	NM_001795.4
UniProt Accession #	P33151; Q4VAI5; Q4VAI6
Molecular Weight	87 kDa
NCBI Official Full Name	cadherin-5 preproprotein
NCBI Official Synonym Full Names	cadherin 5
NCBI Official Symbol	CDH5
NCBI Official Synonym Symbols	7B4; CD144
NCBI Protein Information	cadherin-5
UniProt Protein Name	Cadherin-5
UniProt Gene Name	CDH5
UniProt Synonym Gene Names	VE-cadherin

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.