

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

VE-Cadherin (Phospho-Tyr731) Antibody

CATALOG # AAA109665	REACTIVITY Human, Mouse	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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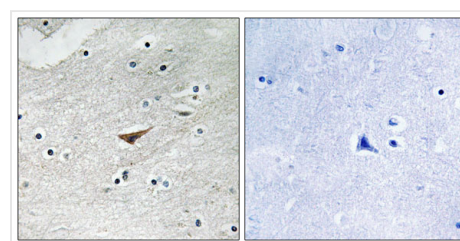
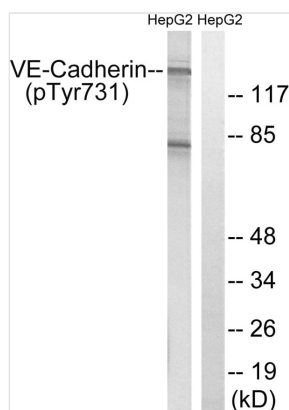
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse
Specificity	VE-Cadherin (Phospho-Tyr731) antibody detects endogenous levels of VE-Cadherin only when phosphorylated at tyrosine 731.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	784
Applicable Applications for anti-CDH5 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human VE-Cadherin around the phosphorylation site of tyrosine 731 (H-I-YP-G-Y).
All Sites	Human: Tyr731 Mouse: Tyr731
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



Application Data
P-peptide-+

IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human brain tissue using VE-Cadherin (Phospho-Tyr731) antibody. Western blot analysis of extracts from HepG2 cells, treated with Na₃VO₄ (0.3mM, 40mins), using VE-Cadherin (Phospho-Tyr731) antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-CDH5 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Breviario F., Arterioscler. Thromb. Vasc. Biol. 15:1229-1239(1995). Ali J., Microcirculation 4:267-277(1997). Shimoyama Y., Biochem. J. 349:159-167(2000).

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	74,499 Da
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-mouse-antibody/ve-cadherin/109665>